

August 6, 2010

West Virginia Palliative Care Services:

The report covering Palliative Care Services provided in West Virginia during the Year 2009 is attached. The data reflect the status of care provided to **1911** individuals by committed members of the respective palliative services. This is the largest increase in the number of patients served since 2006. In 2006, you provided service to 1924 patients by 16 different services. In 2009, only 8 organizations were actively engaged in palliative care. For the first time in the history of Palliative Care in West Virginia, patients from all 55 counties benefited from this service.

The following comments are based on the data seen in the report. Those are:

- Goal clarification remains the number one reason for obtaining a consult. However, during the goal clarification process, pain and symptom management was provided to 69.4% of those patients. Given this data, pain and symptom management is clearly a second reason for a consult.
- Early referral remains an area for improvement. The mean number of days from admission to referral remains at 7.0.
- In 2007 25.7% of the individuals died in the hospital, in 2008 (27.4%) and in 2009 29.2%. This represents a continued increase in patients dying in the hospital. However the next fact with respect to multiple illnesses may provide a partial explanation for this reality.
- Individuals receiving palliative services have multiple illnesses (91%) and a PPS score of < 50 (94.98%). The percentage of multiple illnesses is the same as in 2008.
- Pain management as a reason for requesting a palliative consult increased from 6% to 11.8% of all patients in 2007. Another increase was seen in 2008 to 13.6% and in 2009 to 15.18%. In addition, another 69.4% of the patients had pain and symptom management discussed and treated at the time of the consultation for goal clarification.
- Hospice referrals decreased for the first time since 2006. The percentage of patients referred to hospice was 37.4%. The data on hospice location are of interest. Admissions to the Hospice House have leveled off with an increase in the number of patients admitted to a Home Hospice setting. Is this due to and increased need for additional space in Hospice Houses?
- Palliative care continues to ensure that patients have some form of an advanced directive with continuous improvement each year.

The data collection instrument was changed in 2008 to reflect "Preferred Practices for Palliative and Hospice Care and National Quality Forum Aims."

Rather than documenting recommendations made by a palliative service, the documentation was changed to collect data on interventions by palliative care and outcomes/decisions followed by the family.

Since pain and symptom management as a primary reason for a consult was documented for 15.18% of the patients, and pain and symptom management recommendations were provided 69.4% of the time, we examined this recommendation to assess whether another reason for the primary consult was one of the other choices. A table showing the results is see on page one of the report. Even though the primary reason for the consult maybe goal clarification (72.84% of the time), patients were given pain and symptom recommendations as well (69.39%) of the time.

Hospice option for care was presented at this admission for 65.78% of the patients. This occurred most often (24.33% of the time) with patients having a primary diagnosis of cancer. See the chart on page 2.

Other topics for further consideration are related to interventions by Palliative Care documented on page 7. For example, providing education about the signs and symptoms of imminent death or dying in a timely, culturally appropriate manner.

If you have questions about anything in the report, please call or send an e-mail. We will do our best to address all questions or locate someone who can assist you. We would welcome your feedback on any aspect of the report.

Respectfully submitted,

Mary Emmett



WEST VIRGINIA PALLIATIVE CARE TEAM REPORT

*Prepared by:
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The following report is based on data submitted by the Palliative Care Teams for completed consults during the period of January 1 through December 31, 2009. The Center for Health Services and Outcomes Research analyzed the data and prepared the report.

Executive Summary

A total of **1911** individuals received Palliative Care Services during the year 2009.

Site	Total n=2005	Total n=2006	Total n=2007	Total n=2008	Total n=2009	%
Beckley VA Medical Center	0	0	0	0	0	0.00
Bluefield Regional Medical Center	0	0	0	0	0	0.00
Cabell-Huntington Hospital	0	23	191	202	207	10.83
Camden-Clark Hospital	7	23	0	0	4	0.21
Charleston Area Medical Center	354	367	368	400	468	24.49
Fairmont General Hospital	22	52	36	41	28	1.47
Martinsburg VA Hospital	0	0	0	0	0	0.00
Monongalia General Hospital	65	12	0	0	0	0.00
Ohio Valley Medical Center	10	10	0	0	0	0.00
Pleasant Valley Hospital	0	0	0	0	0	0.00
Potomac Valley Hospital	0	0	0	0	0	0.00
Preston Memorial Hospital	1	1	0	0	0	0.00
Princeton Community Hospital	132	0	0	0	0	0.00
Raleigh General Hospital	172	316	72	0	0	0.00
Raleigh Regional Cancer Center	0	316	0	0	0	0.00
Reynolds Memorial Hospital	29	22	13	17	12	0.63
Ruby Memorial Hospital	321	198	240	334	462	24.18
St. Francis Hospital	0	5	8	0	0	0.00
St. Joseph's Hospital	7	5	12	3	0	0.18
St. Mary's Hospital	358	306	297	212	293	15.33
Summersville Memorial Hospital	0	0	0	0	0	0.00
Sundale Nursing Home	0	0	0	0	0	0.00
Thomas Memorial Hospital	376	555	424	415	401	20.98
United Hospital Center	0	29	22	45	36	1.88
Wheeling Hospital	0	0	0	0	0	0.00
Total	1854	1924	1683	1669	1911	100.00

Characteristics of the individuals followed by the Palliative Care Services include:

- 52.01% of the patients were female
- 42.96% were married
- 30.88% were widowed
- 96.07% were White or Caucasian

Referral:

- The main reasons for consults were goal clarification (72.79%), pain and symptom management (15.18%), psychological/spiritual support of patient/family (6.86%) and disposition (5.13%).

Primary Diagnosis:

- Cancer represented the largest primary diagnosis (34.28%) followed by Neurological (15.49%).
- 1746 consults (91.37%) had multiple chronic illnesses and of those 95.76% had more than 2 illnesses.

Resuscitation:

- Do not resuscitate orders (78.75%) were documented for the majority of patients.

Advance Directives:

- A medical power of attorney (MPOA) had been chosen by 58.71% of the patients.
- At the time of the first visit, 1244 (65.20%) patients **did not have decision-making capacity**. Of the 1244 patients who did not have decision-making capacity, 489 (39.31%) had an appointed health care surrogate, 673 (54.10%) had an MPOA, 494 (39.71%) had a living will and 30 (2.41%) had a legal guardian.
- Of the 1244 without decision-making capacity 9 (0.72%) had both an MPOA and a health care surrogate, 1133 (91.08%) had one or the other, 30 (2.41%) had a legal guardian and 72 (5.79%) had neither an MPOA nor health care surrogate.
 - Sixty-two (5.79%) patients had no form of advance directives.
- Of the 566 patients **with decision-making capacity**, 31 (5.48%) had an appointed health care surrogate, 404 (71.38%) had an MPOA, 287 (50.71%) had a living will.
- Of the 566 with decision-making capacity 3 (0.53%) had both an MPOA and a health care surrogate, 428 (75.62%) had one or the other, 1 (0.18%) had a legal guardian and 134 (23.67%) had neither an MPOA nor health care surrogate.
 - A total of 134 (23.67%) patients had no form of advance directives.
- Ninety-eight (5.14%) patients had a status of **“undetermined decision making capacity”** and of those 17 (17.35%) **had no form of advance directives**.

Pain Assessment:

- Of the 565 patients with decision making capacity 298 had pain scale scores for both the initial assessment and 48-hour assessment.
- Two (0.67%) patients reported an increase in their pain score and 182 (61.07%) reported no change in their pain score.
- Of those 182 with no change 169 (92.86%) reported 0 for both their initial and 48-hour pain assessment.
- 114 (38.26%) patients reported a decrease between their initial and 48-hour pain scores.
- Of those 114 patients who reported a decrease in pain from their initial to 48-hour pain assessment the average change was 4.15. Mean score for initial assessment was 8.03 and the mean score for 48-hour pain assessment was 3.88.

Treatments:

- See attached information and method for understanding the data on page 6.

Disposition:

- At the time of discharge from the hospital or nursing home 558 (29.20%) patients died, 349 (18.26%) went home with Hospice, 181 (9.47%) were discharged home, 167 (8.74%) went to a Nursing Home/Skilled Nursing Facility and 268 (14.02%) went to a Hospice House.
- Of the 558 people that died, 308 (55.20%) died in an acute care bed, 151 (27.06%) died in the ICU, 25 (4.48%) died as a Hospice inpatient and 20 (3.58%) died in SNU.

Process Measures:

- For the 1902 patients admitted to the hospital, the following mean number of days was reported: Admission to Referral = 7 days, Referral to Discharge = 5 days, Referral to Death = 4 days.
- For those 2 patients admitted to nursing homes, the following mean number of days was reported: Admission to Referral = 11 days, Referral to Discharge = 29 days, Referral to Death = 29 days. *Note: Mean number of days for nursing home patients includes two patients admitted to a nursing home in 2008.*
- A total of 715 patients were discharged to a Hospice care setting. The following mean days were reported: Admission to Referral = 6 days, Referral to Discharge = 4 days.

NOTE: Throughout the report you will notice that the totals do not always match the total number of patients. The reason is because data are missing. Missing data were checked.

PCT Data Collection - Tool

Total number of patients discharged during January through December 2009:
The data throughout this report that are noted as missing data were checked.

Gender:	n	%
Male	917	47.99
Female	994	52.01
Total	1911	100.00

County of Residence:

In State:	n	%	n	%	
Barbour	19	1.11	Mineral	6	0.35
Berkeley	6	0.35	Mingo	20	1.16
Boone	55	3.20	Monongalia	80	4.65
Braxton	21	1.22	Monroe	1	0.06
Brooke	0	0.00	Morgan	0	0.00
Cabell	208	12.10	Nicholas	24	1.40
Calhoun	5	0.29	Ohio	1	0.06
Clay	10	0.58	Pendleton	1	0.06
Doddridge	1	0.06	Pleasants	0	0.00
Fayette	53	3.08	Pocahontas	3	0.17
Gilmer	3	0.17	Preston	22	1.28
Grant	1	0.06	Putnam	65	3.78
Greenbrier	5	0.29	Raleigh	22	1.28
Hampshire	1	0.06	Randolph	21	1.22
Hancock	2	0.12	Ritchie	4	0.23
Hardy	2	0.12	Roane	14	0.81
Harrison	67	3.90	Summers	4	0.23
Jackson	19	1.11	Taylor	10	0.58
Jefferson	4	0.23	Tucker	7	0.41
Kanawha	575	33.45	Tyler	4	0.23
Lewis	10	0.58	Upshur	17	0.99
Lincoln	50	2.91	Wayne	54	3.14
Logan	41	2.39	Webster	8	0.47
Marion	79	4.60	Wetzel	13	0.76
Marshall	16	0.93	Wirt	0	0.00
Mason	28	1.63	Wood	11	0.64
McDowell	9	0.52	Wyoming	9	0.52
Mercer	8	0.47	Total	1719	100.00

Out of State:	n	%	n	%	
Allegheny, MD	1	0.52	Hickory, PA	1	0.52
Allegheny, PA	6	3.13	Johnson, KY	2	1.04
Athens, OH	1	0.52	Lawrence, KY	1	0.52
Bath, KY	2	1.04	Lawrence, OH	59	30.73
Belmont, OH	3	1.56	Lewis, KY	1	0.52
Boyd, KY	12	6.25	Magoffin, KY	1	0.52
Brunswick, NC	1	0.52	Martin, KY	9	4.69
Carter, KY	1	0.52	Meigs, OH	5	2.60
Fayette, PA	16	8.33	Menifee, KY	1	0.52
Floyd, KY	7	3.65	Monroe, OH	1	0.52
Fulton, OH	1	0.52	Morgan, KY	1	0.52
Gallia, OH	9	4.69	Pike, KY	4	2.08
Garrett, MD	8	4.17	Rowan, KY	1	0.52
Greene, PA	26	13.54	Scioto, OH	4	2.08
Greenup, KY	2	1.04	Somerset, OH	1	0.52
Hardin, KY	1	0.52	Washington, PA	2	1.04
Hickory, PA	1	0.52	Total	192	100.00

Ethnicity: (Missing: n=2)	n	%	n	%	
Black or African American	61	3.20	American Indian/Alaskan Native	2	0.10
White or Caucasian	1834	96.07	Hispanic or Spanish	4	0.21
Asian or Pacific Islander	2	0.10	Other	6	0.31
Total	1911	100.00	Total	1909	100.00

Reason for Consult:	n	%
<i>Only one answer could be marked.</i>		
Goal clarification	1392	72.84
Psych/spiritual support of pt/family	131	6.86
Pain and symptom management	290	15.18
Disposition	98	5.13
Total	1911	100.00

Patient was admitted to:	n	%
Hospital	1902	99.53
Nursing Home/SNF	2	0.10
Other	7	0.37
Total	1911	100.00

1911

Marital Status: (Missing: n=7)	n	%
Single	266	13.97
Married	818	42.96
Divorced	228	11.97
Separated	4	0.21
Widowed	588	30.88
Total	1904	100.00

n	%	
Mineral	6	0.35
Mingo	20	1.16
Monongalia	80	4.65
Monroe	1	0.06
Morgan	0	0.00
Nicholas	24	1.40
Ohio	1	0.06
Pendleton	1	0.06
Pleasants	0	0.00
Pocahontas	3	0.17
Preston	22	1.28
Putnam	65	3.78
Raleigh	22	1.28
Randolph	21	1.22
Ritchie	4	0.23
Roane	14	0.81
Summers	4	0.23
Taylor	10	0.58
Tucker	7	0.41
Tyler	4	0.23
Upshur	17	0.99
Wayne	54	3.14
Webster	8	0.47
Wetzel	13	0.76
Wirt	0	0.00
Wood	11	0.64
Wyoming	9	0.52
Total	1719	100.00

Reason for Consult: Was pain and symptom management discussed?	No	Yes	Total
Goal clarification	517	875	1392
%	79.54	69.39	
Psych/spiritual support of pt/family	98	33	131
%	15.08	2.62	
Pain and symptom management	3	287	290
%	0.46	22.76	
Disposition	32	66	98
%	4.92	5.23	
Total	650	1261	1911
%	100.00	100.00	

Primary Diagnosis:	n	%
Cancer	655	34.28
Cardiac	129	6.75
AIDS	5	0.26
Renal	63	3.30
Pulmonary	280	14.65
Liver	51	2.67
Neurological	296	15.49
Noncardiac Vascular	28	1.47
Dementia	86	4.50
General disability	162	8.48
Sepsis	82	4.29
Multi-organ failure	74	3.87
Total	1911	100.00

Did patient have multiple chronic illnesses:	n	%
Yes	1746	91.37
No	165	8.63
Total	1911	100.00

Of the 1746 that had multiple illnesses, note the following:	n	%
<=2	74	4.24
>2	1672	95.76
Total	1746	100.00

Primary Diagnosis: Was Hospice option for care presented at admission?	No	Yes	Total
Cancer	190	465	655
%	9.94	24.33	34.27
Cardiac	36	93	129
%	1.88	4.87	6.75
AIDS	2	3	5
%	0.1	0.16	0.26
Renal	16	47	63
%	0.84	2.46	3.30
Pulmonary	105	175	280
%	5.49	9.16	14.65
Liver	10	41	51
%	0.52	2.15	2.67
Neurological	129	167	296
%	6.75	8.74	15.49
Noncardiac Vascular	12	16	28
%	0.63	0.84	1.47
Dementia	9	77	86
%	0.47	4.03	4.50
Sepsis	38	44	82
%	1.99	2.3	4.29
General Disability	57	105	162
%	2.98	5.49	8.47
Multi-organ failure	50	24	74
%	2.62	1.26	3.88
Total	654	1257	1911
%	34.22	65.78	100.00

Would you be surprised if the patient died in the next year? (Missing n=479)	n	%
Yes	47	3.28
No	1385	96.72
Total	1432	100.00

PPS at first contact: (n=1911)	%
Average	27
Maximum	80
Minimum	0

PPS Range	n	%
< = 50	1815	94.98
> = 51	96	5.02
Total	1911	100.00

Symptoms at initial assessment: Those who reported "yes" they had these symptoms. Percentages are <u>out of the total number of patients (1911).</u>	n	%	n	%	
Pain	614	32.13	Nausea/Vomiting	145	7.59
Anorexia	192	10.05	Insomnia	96	5.02
Dysphasia	175	9.16	Weakness/malaise	666	34.85
Sore Mouth	21	1.10	Edema	261	13.66
Dyspnea	446	23.34	Restlessness	93	4.87
Cough	124	6.49	Confusion/delirium	281	14.70
Constipation	143	7.48	Anxiety	124	6.49
Diarrhea	74	3.87	Depression	101	5.29
			No symptoms	707	37.00
			Total	3556	

Do Not Resuscitate:	n	%
Yes	1505	78.75
No	406	21.25
Total	1911	100.00

DNR initiated by PCT:	n	%
Yes	763	50.70
No	742	49.30
Total	1505	100.00

DNR Card:	n	%
Yes	125	6.54
No	1786	93.46
Total	1911	100.00

DNR Card initiated by PCT: (Missing n=2)	n	%
Yes	100	81.30
No	23	18.70
Total	123	100.00

Advanced Directives

Living Will:	n	%
Yes	818	42.80
No	1093	57.20
Total	1911	100.00

Medical Power Of Attorney:	n	%
Yes	1121	58.66
No	790	41.34
Total	1911	100.00

Health Care Surrogate:	n	%
Yes	557	29.15
No	1354	70.85
Total	1911	100.00

Of the 253 patients WITHOUT decision making capacity the following advanced directives were noted:

Legal Guardian:	n	%
Yes	31	1.62
No	1873	98.01
Parent of Minor	7	0.37
Total	1911	100.00

POST Form completed:	n	%
Yes	536	28.05
No	1375	71.95
Total	1911	100.00

Did patient have decision making capacity at time of first visit? (Missing n=3)	n	%
Yes	566	29.66
No	1244	65.20
Unable to determine	98	5.14
Total	1908	100.00

Of the 1244 patients WITHOUT decision making capacity the following advanced directives were noted:

Living Will:	n	%
Yes	494	39.71
No	750	60.29
Total	1244	100.00

Medical Power Of Attorney:	n	%
Yes	673	54.10
No	571	45.90
Total	1244	100.00

Health Care Surrogate:	n	%
Yes	489	39.31
No	755	60.69
Total	1244	100.00

Legal Guardian:	n	%
Yes	30	2.41
No	1207	97.03
Parent of Minor	7	0.56
Total	1244	100.00

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	9	0.72
MPOA or HCS appointed	1133	91.08
Legal Guardian appointed	30	2.41
Neither MPOA or HCS appointed	72	5.79
Total	1244	100.00

Living will initiated by PCT:	n	%
Yes	94	11.52
No	722	88.48
Total	816	100.00

MPOA initiated by PCT:	n	%
Yes	135	12.06
No	984	87.94
Total	1119	100.00

HCS initiated by PCT:	n	%
Yes	201	36.09
No	356	63.91
Total	557	100.00

Legal Guardian initiated by PCT:	n	%
Yes	3	9.68
No	28	90.32
Total	31	100.00

POST Form initiated by PCT:	n	%
Yes	457	85.26
No	79	14.74
Total	536	100.00

Living will initiated by PCT:	n	%
Yes	4	0.81
No	490	99.19
Total	494	100.00

MPOA initiated by PCT:	n	%
Yes	11	1.63
No	662	98.37
Total	673	100.00

HCS initiated by PCT:	n	%
Yes	176	35.99
No	313	64.01
Total	489	100.00

Legal Guardian initiated by PCT:	n	%
Yes	3	10.00
No	27	90.00
Total	30	100.00

Advance Directives of any kind appointed:	n	%
Yes	1177	94.61
No	67	5.39
Total	1244	100.00

Of the 566 patients WITH decision making capacity the following advanced directives were noted:

Living Will:	n	%
Yes	287	50.71
No	279	49.29
Total	566	100.00

Medical Power Of Attorney:	n	%
Yes	404	71.38
No	162	28.62
Total	566	100.00

Health Care Surrogate:	n	%
Yes	31	5.48
No	535	94.52
Total	566	100.00

Legal Guardian:	n	%
Yes	1	0.18
No	565	99.82
Parent of Minor	0	0.00
Total	566	100.00

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	3	0.53
MPOA or HCS appointed	428	75.62
Legal Guardian appointed	1	0.18
Neither MPOA or HCS appointed	134	23.67
Total	566	100.00

Of the 98 patients WITH an undetermined decision making capacity the following advanced directives were noted:

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	0	0.00
MPOA or HCS appointed	81	82.65
Legal Guardian appointed	0	0.00
Neither MPOA or HCS appointed	17	17.35
Total	98	100.00

Living will initiated by PCT:	n	%
Yes	86	29.97
No	201	70.03
Total	287	100.00

MPOA initiated by PCT:	n	%
Yes	121	29.95
No	283	70.05
Total	404	100.00

HCS initiated by PCT:	n	%
Yes	6	19.35
No	25	80.65
Total	31	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	0.00
No	1	100.00
Total	1	100.00

Advance Directives of any kind appointed:	n	%
Yes	435	76.86
No	131	23.14
Total	566	100.00

Advance Directives of any kind appointed:	n	%
Yes	81	82.65
No	17	17.35
Total	98	100.00

Of those 565 patients WITH decision making capacity at time of first visit, 298 had pain scale scores for both the initial pain assessment and the 48 hour assessment.

The difference in pain scores between the two assessments.		
	n	%
Higher	2	0.67
Lower	114	38.26
No Change	182	61.07
Total	298	100.00

The difference in pain scores between the two assessments, with 0's for both initial and 48 hour removed.		
	n	%
Higher	2	1.55
Lower	114	88.37
No Change	13	10.08
Total	129	100.00

Of those 182 patients with no change in pain score from initial assessment to 48 hours, the following pain scores were reported:

Time1 /Time 2	n	%	Time1 /Time 2	n	%
0/0	169	92.86	6/6	2	1.10
1/1	0	0.00	7/7	0	0.00
2/2	2	1.10	8/8	3	1.65
3/3	1	0.55	9/9	0	0.00
4/4	1	0.55	10/10	2	1.10
5/5	2	1.10	Total	182	100.00

Of the 114 patients that experienced a decrease in pain score from initial assessment to 48 hours, the following changes were noted:

	n	Time 1	Time 2	Difference in Pain Scores		n	Time 1	Time 2	Difference in Pain Scores
	1	3	0	-3		3	9	0	-9
	1	4	2	-2		2	9	3	-6
	2	4	3	-1		2	9	4	-5
	3	5	2	-3		1	9	5	-4
	4	5	3	-2		4	9	6	-3
	1	5	4	-1		2	9	7	-2
	6	6	2	-4		3	9	8	-1
	1	6	3	-3		3	10	0	-10
	3	6	4	-2		2	10	1	-9
	2	6	5	-1		3	10	2	-8
	1	7	0	-7		2	10	3	-7
	1	7	2	-5		8	10	4	-6
	4	7	3	-4		3	10	5	-5
	2	7	5	-2		2	10	6	-4
	1	7	6	-1		1	10	7	-3
	2	8	0	-8		4	10	8	-2
	2	8	2	-6		2	10	9	-1
	8	8	3	-5					
	9	8	4	-4					
	9	8	5	-3					
	3	8	6	-2					
	1	8	7	-1					

Of those 565 patients WITH decision making capacity at time of first visit, 282 had Dyspnea Assessments for both the initial assessment and the 48 hour assessment.

The difference between the two assessments.		
	n	%
Higher	2	0.71
Lower	20	7.09
No Change	260	92.20
Total	282	100.00

The difference in between the two assessments, with 0's for both initial and 48 hour removed.		
	n	%
Higher	2	4.44
Lower	20	44.44
No Change	23	51.11
Total	45	100.00

Of those 565 patients WITH decision making capacity at time of first visit, 279 had Weakness/Fatigue Assessments for both the initial assessment and the 48 hour assessment.

The difference between the two assessments.		
	n	%
Higher	0	0.00
Lower	24	8.60
No Change	255	91.40
Total	279	100.00

The difference in between the two assessments, with 0's for both initial and 48 hour removed.		
	n	%
Higher	0	0.00
Lower	24	25.53
No Change	70	74.47
Total	94	100.00

Treatments in use and changes while PCT involved in care:

How to interpret the data: (Information reported reflects only those variables that were marked, no assumptions can be made.)

The patient(s) can be using or not using a treatment at the time palliative care gets involved. If the treatment is marked "in use" it can be stopped. If the treatment is marked "not in use" it can be avoided.

Example: Intravenous fluids: 1319 patients (69.02%) were receiving intravenous fluids, 592 (30.98%) were not using the intravenous fluids. Of the 1319 patients using IV fluids, 820 (62.17%) discontinued use. Of the 592 patients not receiving IV fluids, 8 (1.35%) treatments were avoided.

Intravenous fluids	n	%
In use	1319	69.02
Not in use	592	30.98
In use and stopped	820	62.17
Not in use and avoided	8	1.35

Intravenous antibiotics	n	%
In use	1149	60.13
Not in use	762	39.87
In use and stopped	767	66.75
Not in use and avoided	6	0.79

Intravenous Vasopressors	n	%
In use	201	10.52
Not in use	1710	89.48
In use and stopped	147	73.13
Not in use and avoided	36	2.11

TPN/PPN	n	%
In use	68	3.56
Not in use	1843	96.44
In use and stopped	41	60.29
Not in use and avoided	19	1.03

Gastric feedings	n	%
In use	367	19.20
Not in use	1544	80.80
In use and stopped	172	46.87
Not in use and avoided	37	2.40

Dialysis	n	%
In use	118	6.17
Not in use	1793	93.83
In use and stopped	51	43.22
Not in use and avoided	26	1.45

Diagnostic labs	n	%
In use	1456	76.19
Not in use	455	23.81
In use and stopped	868	59.62
Not in use and avoided	4	0.88

Diagnostic x-rays	n	%
In use	1440	75.35
Not in use	471	24.65
In use and stopped	862	59.86
Not in use and avoided	7	1.49

Other Treatments	n	%
Albumin Infusions	1	2.78
CPR	1	2.78
Chest Tube	4	11.11
Feedings	1	2.78
G-Tube for drainage	2	5.56
IV Morphine PRN started	1	2.78
Intraaortic balloon pump	1	2.78
JP drain X3	1	2.78
K-runs	1	2.78
MRI under anesthesia	1	2.78
NG Tube	2	5.56
PICC	1	2.78
Telemetry	1	2.78
Trach	2	5.56
Biopsy	2	5.56

Mechanical ventilation	n	%
In use	350	18.32
Not in use	1561	81.68
In use and stopped	237	67.71
Not in use and avoided	107	6.85

BIPAP or CPAP	n	%
In use	126	6.59
Not in use	1785	93.41
In use and stopped	75	59.52
Not in use and avoided	36	2.02

Transfusions	n	%
In use	192	10.05
Not in use	1719	89.95
In use and stopped	78	40.63
Not in use and avoided	10	0.58

Chemotherapy	n	%
In use	98	5.13
Not in use	1813	94.87
In use and stopped	41	41.84
Not in use and avoided	27	1.49

Radiation Therapy	n	%
In use	0	0.00
Not in use	1911	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

Surgery	n	%
In use	110	5.76
Not in use	1801	94.24
In use and stopped	6	5.45
Not in use and avoided	65	3.61

ICU Admission to the floor	n	%
In use	0	0.00
Not in use	1911	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

Other	n	%
In use	36	1.88
Not in use	1875	98.12
In use and stopped	7	19.44
Not in use and avoided	0	0.00

Trach & Peg	1	2.78
Bronchoscopy	2	5.56
Card. Gtt	1	2.78
Continued EEG monitoring	1	2.78
Epidural Catheter	1	2.78
Epidural Pump	1	2.78
Moved from ICU	1	2.78
Paracentesis	2	5.56
Pericardial drain	1	2.78
Pressors	1	2.78
Pulse Ox	1	2.78
Wound Vac	1	2.78
Total	36	100.00

Discharge Summary:

Even after discharge the palliative care teams continue to track and follow-up with their patients.

A total of 558 (29.20%) patients died while being followed by the palliative care teams during 2009.

Disposition:	n	%
<i>Data reported for the following is strictly based on what happened to the patient on their exact discharge date.</i>		
Death	558	29.20
SNU (Hospital)	24	1.26
PCU	0	0.00
NH/SNF	167	8.74
Home	181	9.47
Hospice	349	18.26
Home Health	84	4.40
Hospital (Transfer)	9	0.47
Hospice inpatient	36	1.88
NH/SNF with Hospice	62	3.24
Personal care home	3	0.16
Acute Rehabilitation	4	0.21
Hospice House	268	14.02
LTAC	9	0.47
Team services no longer needed	131	6.86
Other	26	1.36
Total	1911	100.00

Place of Death:	n	%
<i>Data reported for the following is based on the patient dying on the date of discharge.</i>		
Hospital (ICU)	151	27.06
Hospital (Acute)	308	55.20
Personal Care Home	0	0.00
Home	0	0.00
SNU (Hospital)	20	3.58
NH/SNF	2	0.36
Hospice Inpatient	25	4.48
Hospice House	0	0.00
PCU	1	0.18
Home Health	0	0.00
Hospice	2	0.36
NH/SNF with Hospice	0	0.00
Acute Rehabilitation	0	0.00
Other	49	8.78
Total	558	100.00

Of those 558 patients who died the following were designated:

Primary Diagnosis:	n	%
Cancer	148	26.52
Cardiac	29	5.20
AIDS	0	0.00
Renal	14	2.51
Pulmonary	106	19.00
Liver	17	3.05
Neurological	114	20.43
Noncardiac Vascular	3	0.54
Dementia	9	1.61
General Disability	38	6.81
Sepsis	30	5.38
Mult-organ failure	50	8.96
Total	558	100.00

Interventions by PCT: (More than one option can be checked. Percentages are out of the total number of patients (1911).

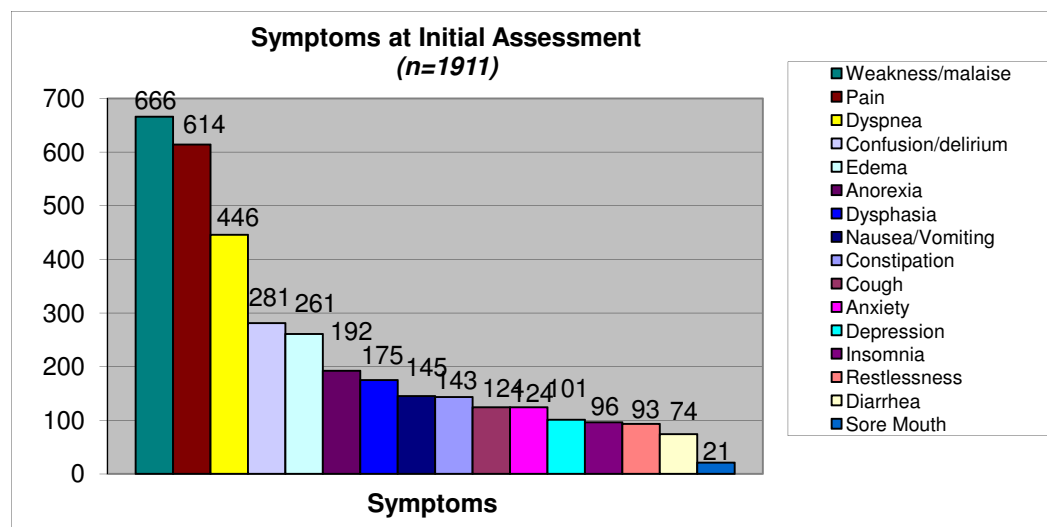
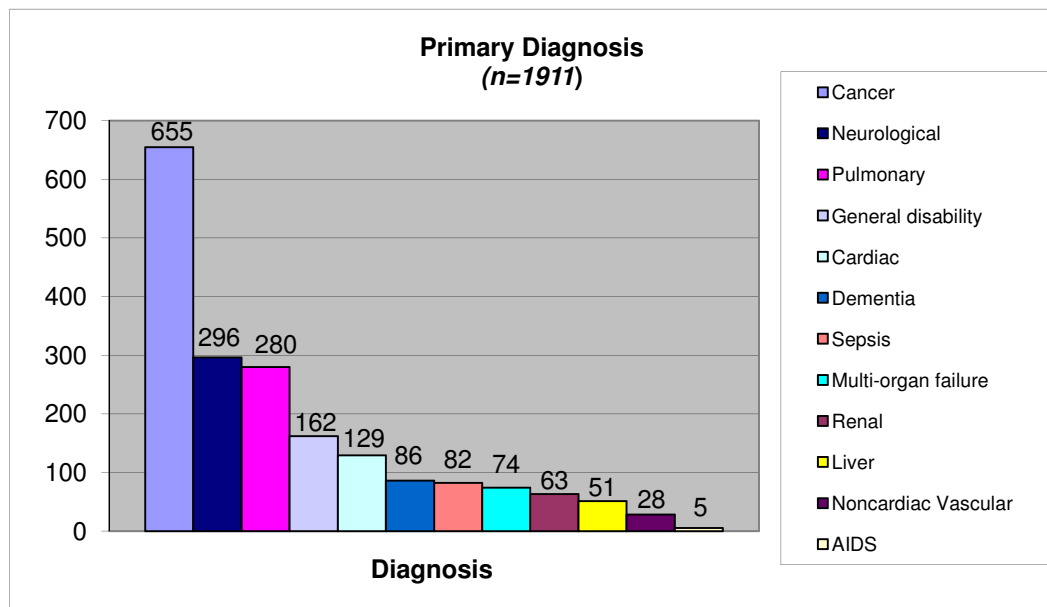
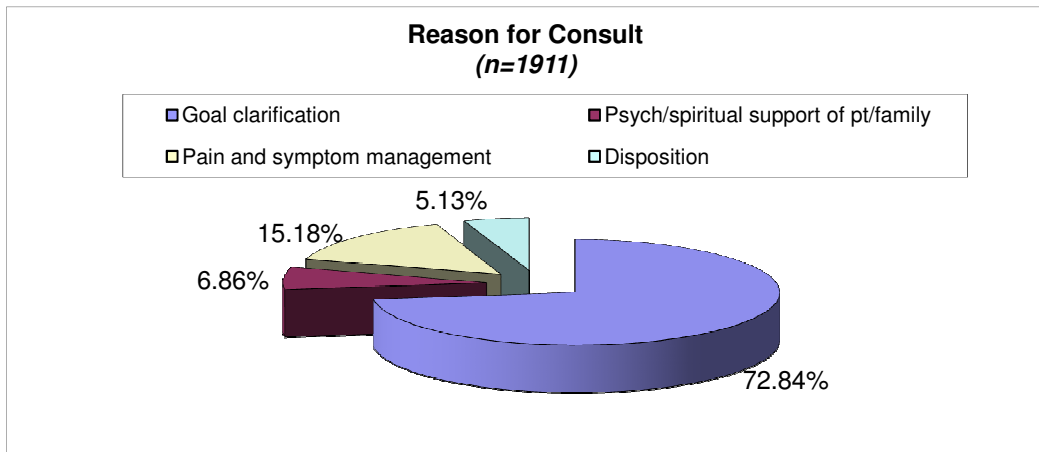
	n	%
Education about the process of their disease, prognosis and options for care.	1724	90.21
Conduct a patient and family care conference with appropriate members of the interdisciplinary team.	1532	80.17
Education about the benefits and burdens of specific treatments or potential interventions.	1515	79.28
Provide information about spiritual care services or counseling services available.	1177	61.59
Provide individual education and support to families and unlicensed caregivers to assure safe and appropriate care after discharge.	578	30.25
Provide pain and symptom management recommendations.	1260	65.93
Education about the signs and symptoms of imminent death or dying process in a timely, culturally appropriate manner.	814	42.60
Hospice option for care was presented at this admission.	1179	61.70
Total	9779	

Outcomes or decisions followed by family: (More than one option can be checked. Percentages are out of the total number of patients (1911).

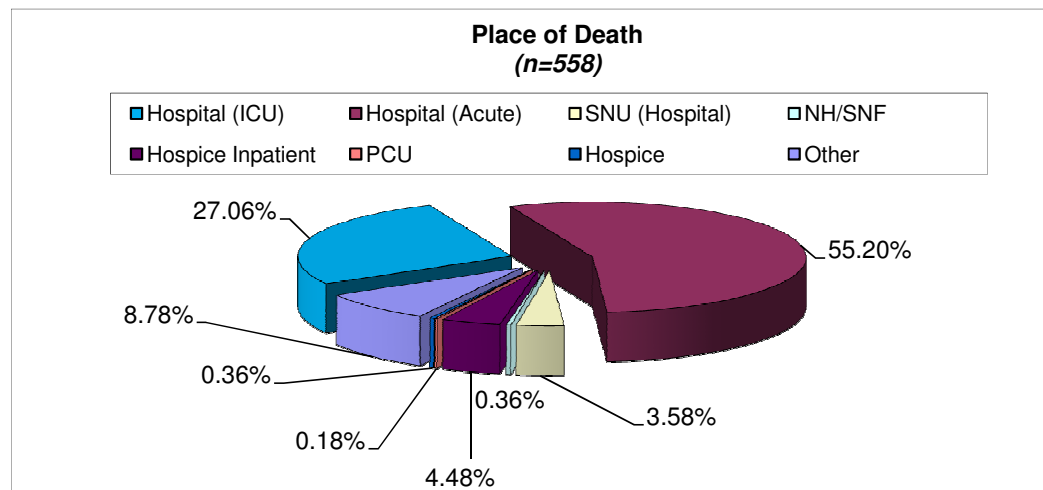
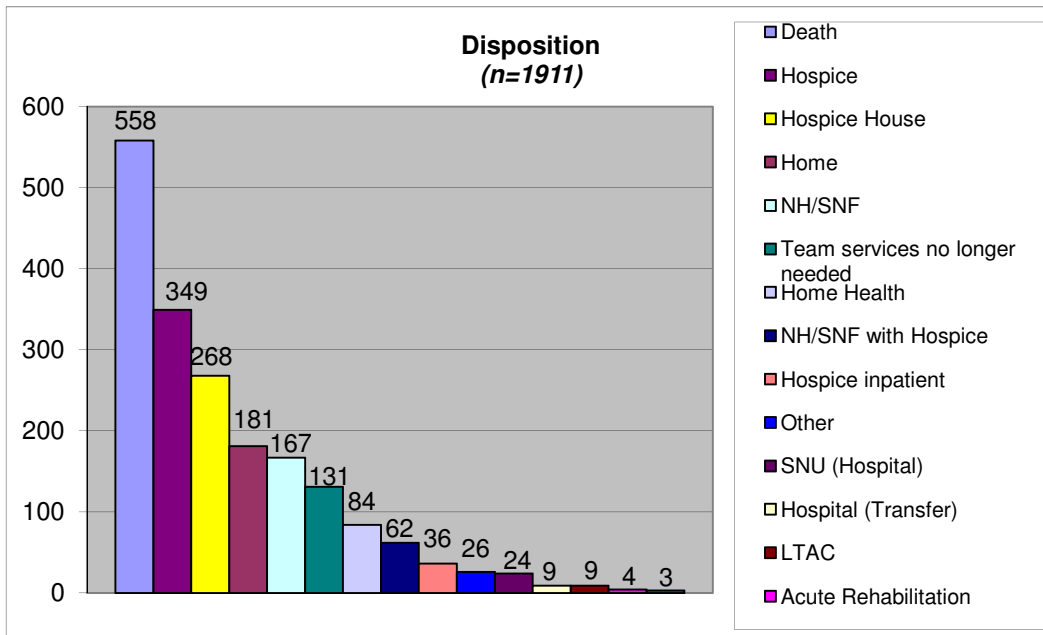
	n	%
Patient and family participated in family care conference	1273	66.61
Pastoral Care referral	1087	56.88
Involvement of own clergy for spiritual support	415	21.72
Total	2775	

PCT Data Collection - Tool

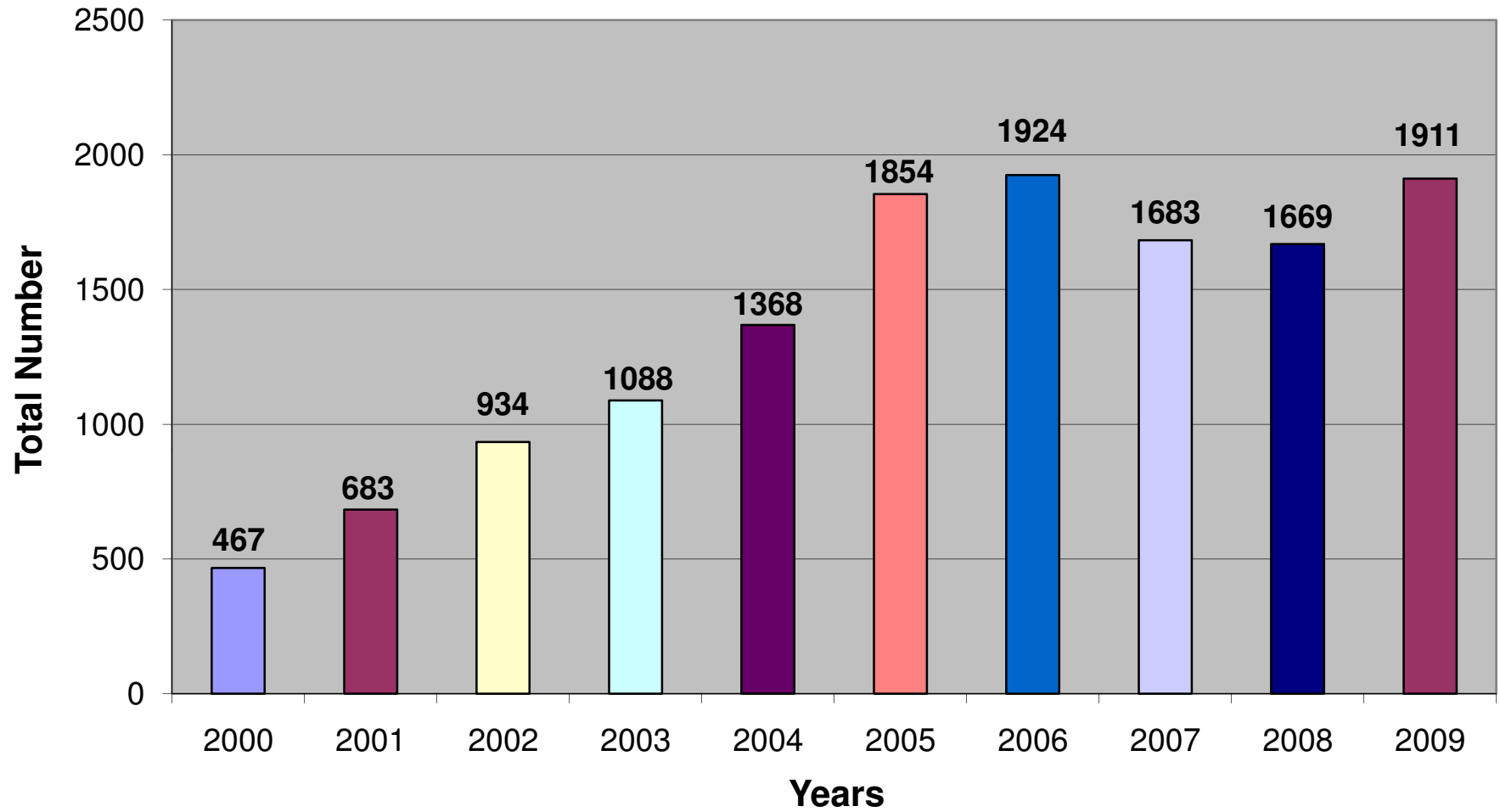
Total number of Palliative Care consults completed during 2009: 1911



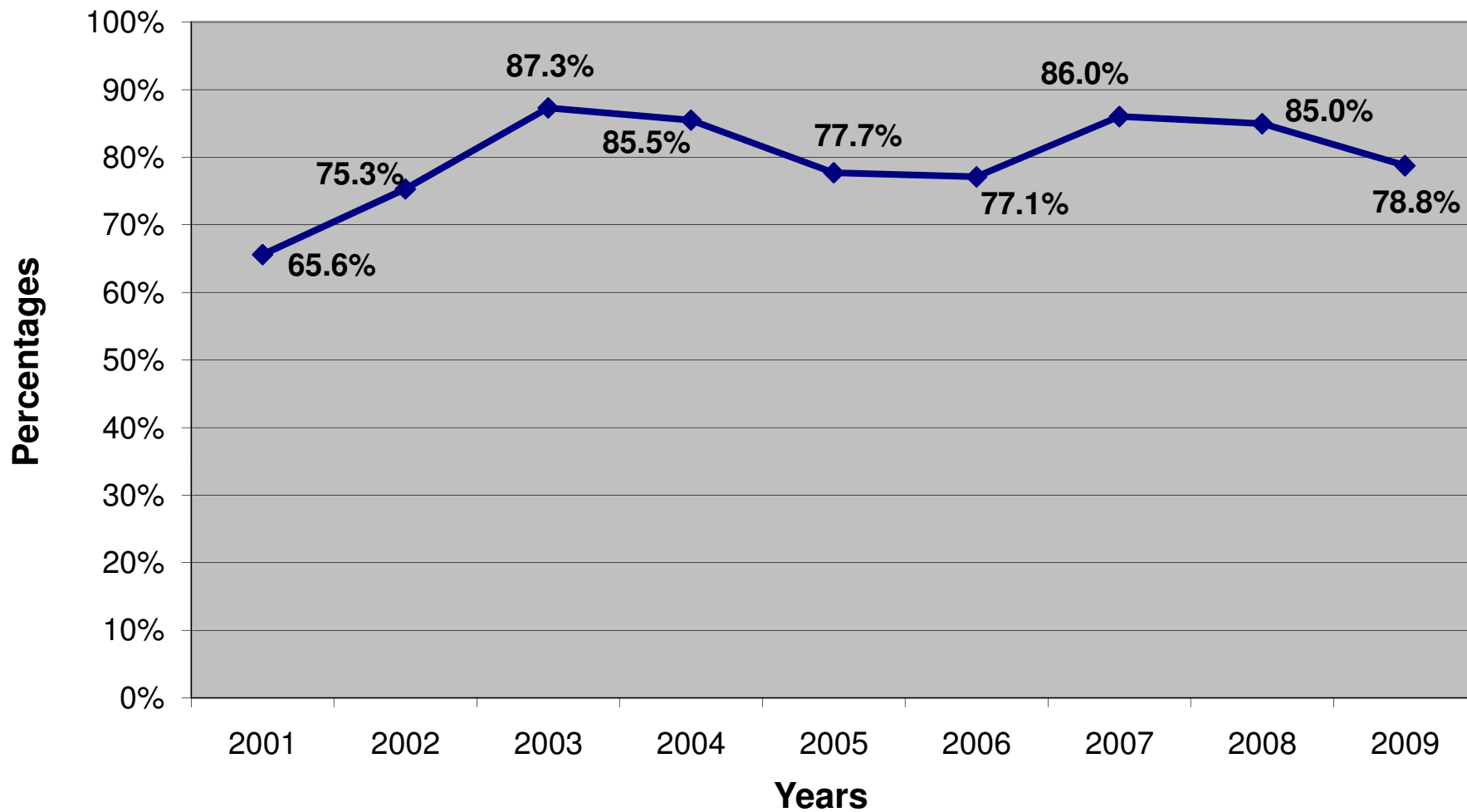
PCT Data Collection Tool - Outcomes



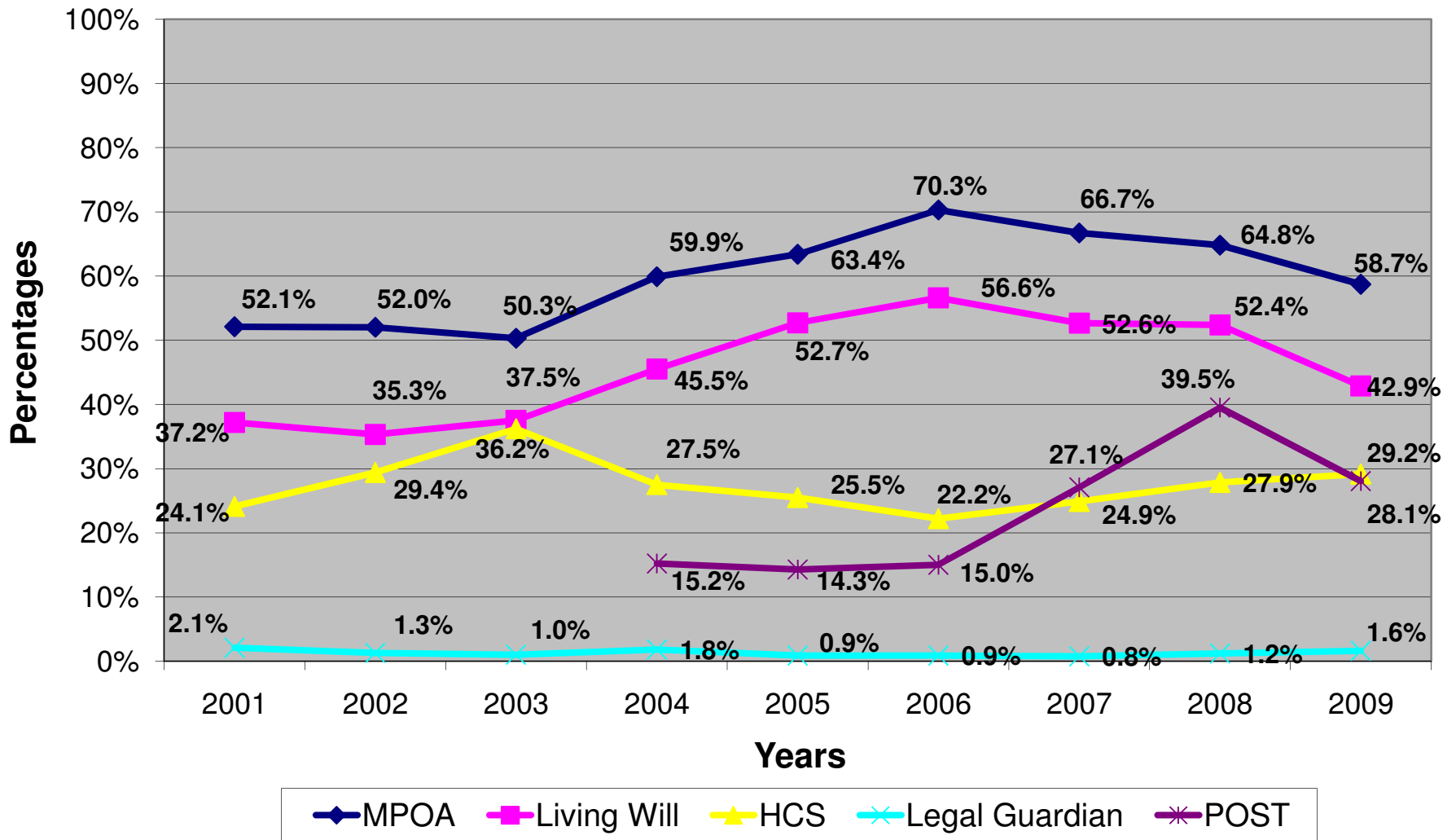
Patients Served by West Virginia Palliative Care Teams 2000 - 2009



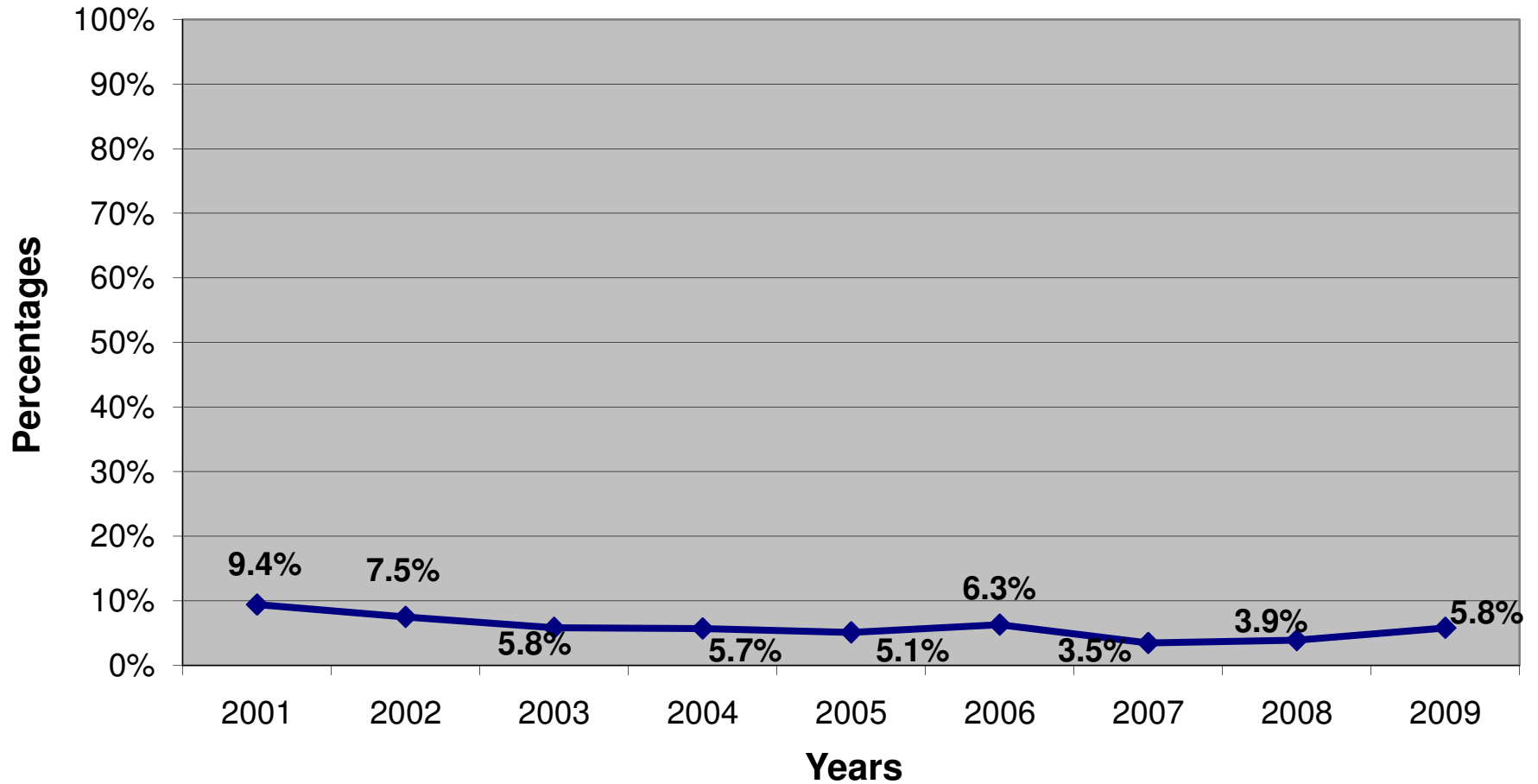
Percentage of Patients with Do Not Resuscitate Orders 2001 - 2009



Percentage of Patients with Advance Directives 2001 - 2009

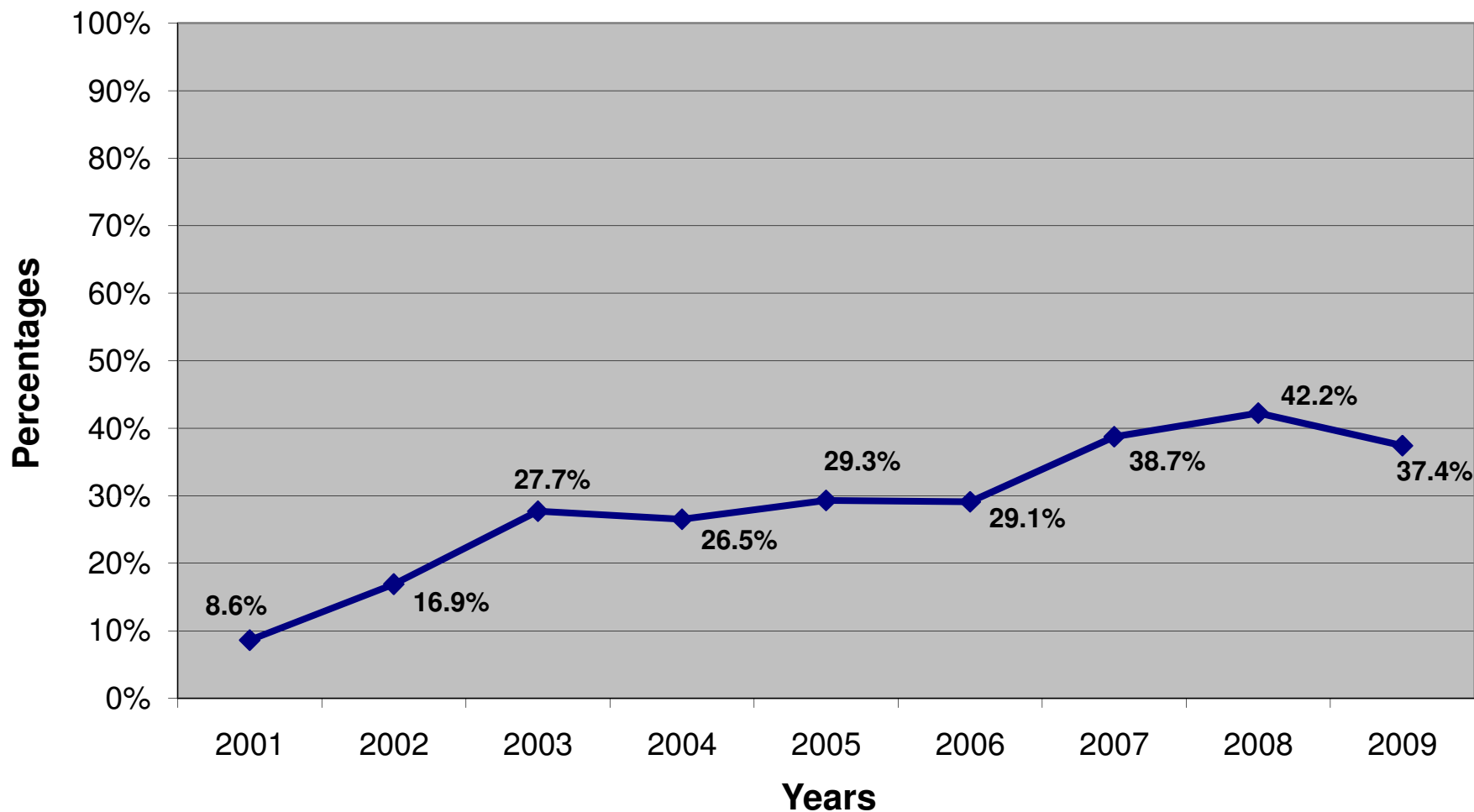


Patients without Decision Making Capacity and without Advance Directives 2001 - 2009



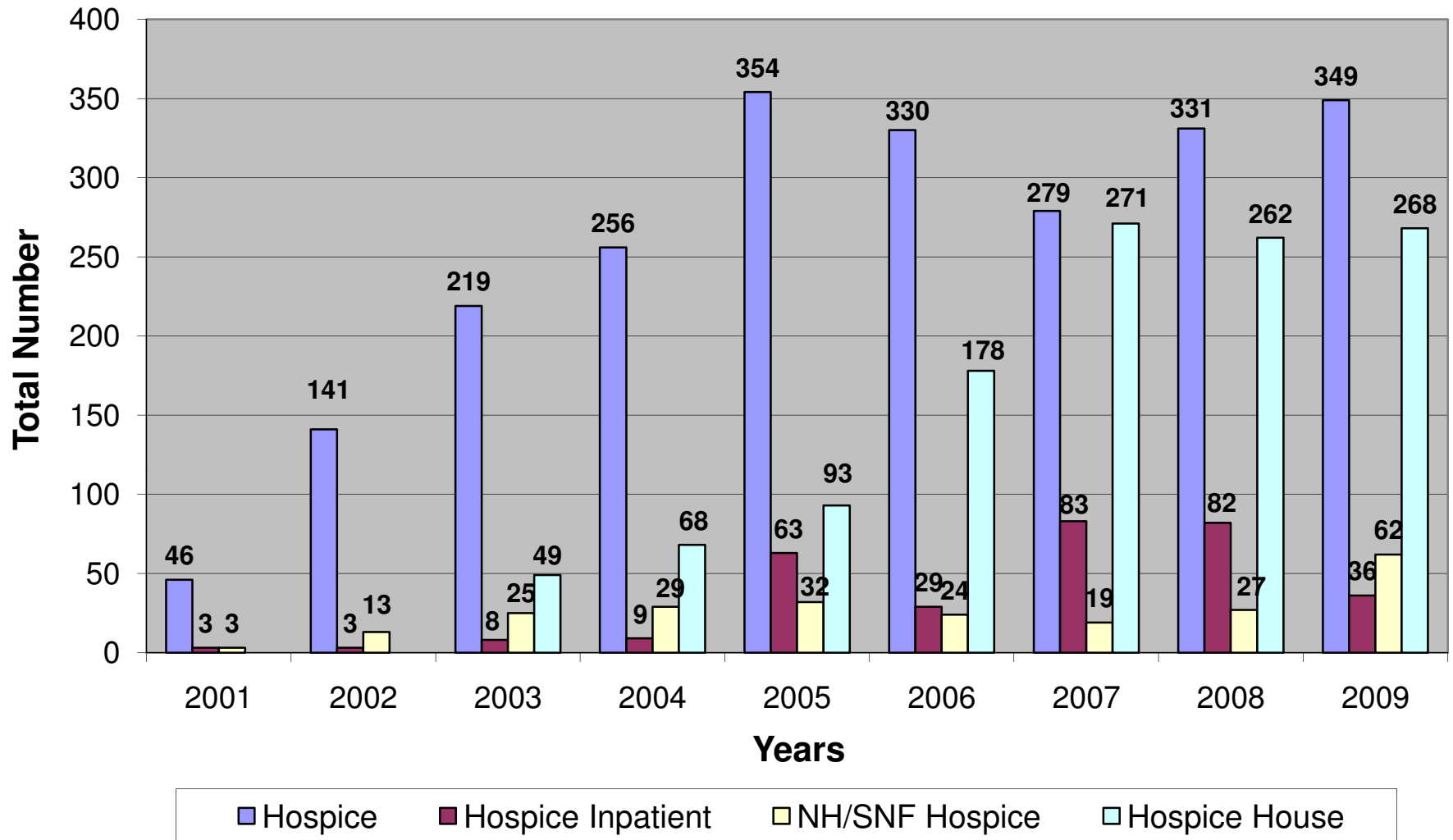
NOTE: Data includes those patients without MPOA, Living Will, Health Care Surrogate or Legal Guardian.

Percentage of Patients Discharged with Hospice 2001 - 2009

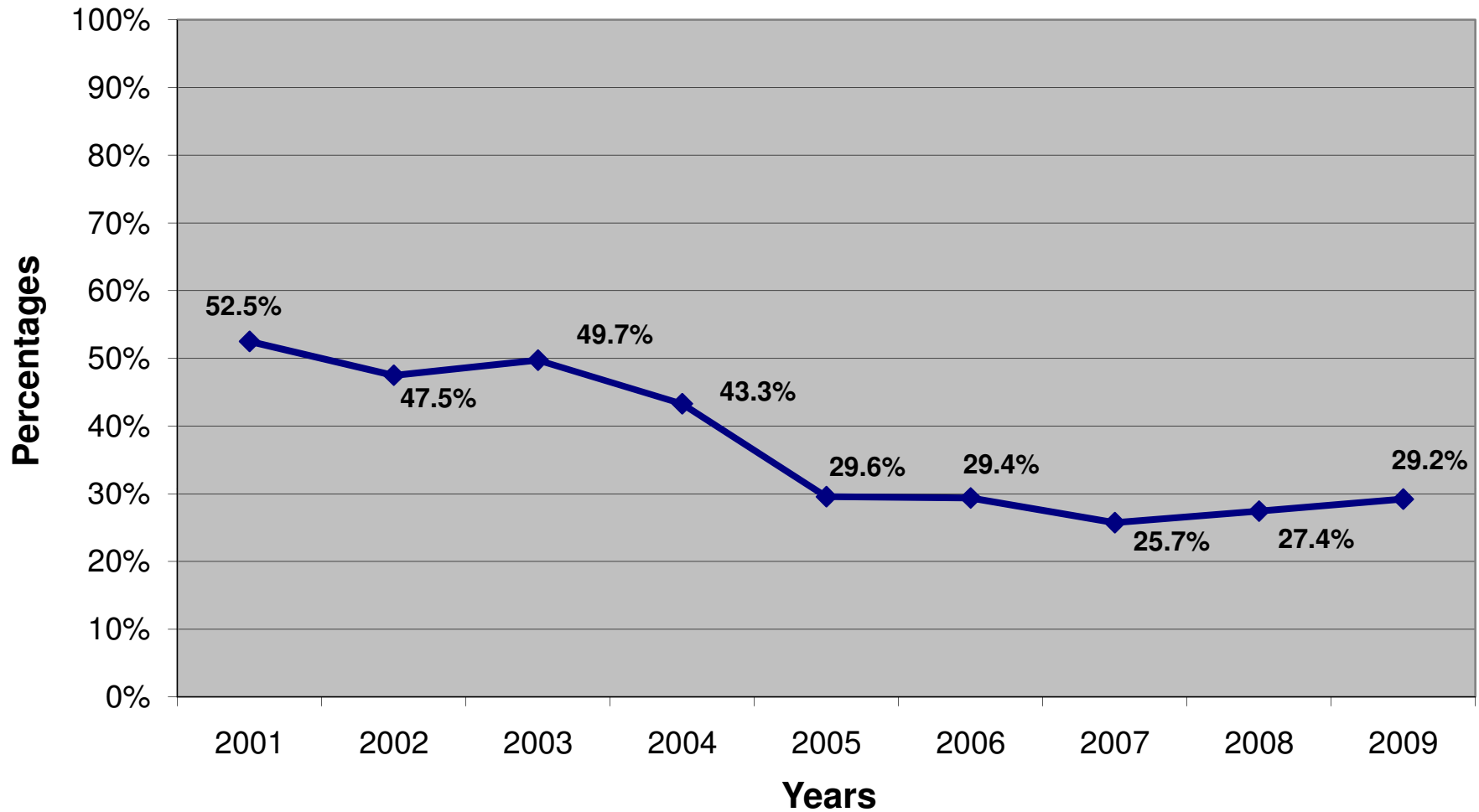


NOTE: Data includes those patients with the following dispositions: Hospice, Hospice Inpatient, NH/SNF with Hospice or Hospice House. Hospice House was added as an option in 2003.

Patients Discharged with Hospice by Location 2001 - 2009

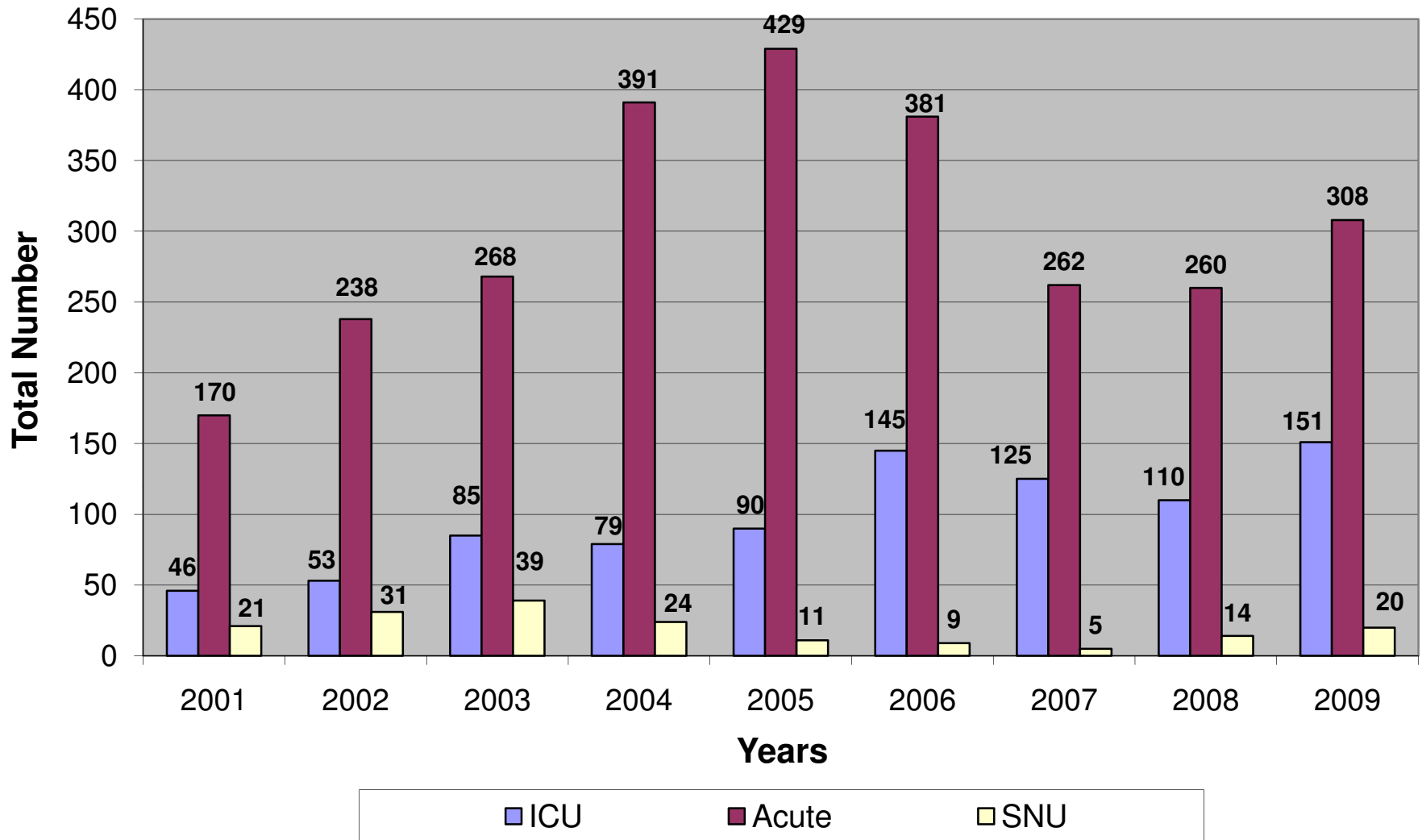


Percentage of Patients with a Disposition of Death 2001 - 2009



NOTE: Data includes those patients that died at Disposition.

Patients Dying in Hospital Setting 2001 - 2009



PCT Data Collection - Tool

Total number of patients discharged during January through December 2009:
The data throughout this report that are noted as missing data were checked.

468

Gender:	n	%
Male	244	52.14
Female	224	47.86
Total	468	100.00

Marital Status:	n	%
Single	67	14.32
Married	217	46.37
Divorced	61	13.03
Separated	0	0.00
Widowed	123	26.28
Total	468	100.00

County of Residence:

In State:	n	%	n	%	
Barbour	0	0.00	Mineral	0	0.00
Berkeley	0	0.00	Mingo	3	0.65
Boone	38	8.19	Monongalia	0	0.00
Braxton	11	2.37	Monroe	1	0.22
Brooke	0	0.00	Morgan	0	0.00
Cabell	0	0.00	Nicholas	8	1.72
Calhoun	3	0.65	Ohio	0	0.00
Clay	8	1.72	Pendleton	0	0.00
Doddridge	0	0.00	Pleasants	0	0.00
Fayette	25	5.39	Pocahontas	0	0.00
Gilmer	1	0.22	Preston	0	0.00
Grant	0	0.00	Putnam	6	1.29
Greenbrier	5	1.08	Raleigh	15	3.23
Hampshire	0	0.00	Randolph	0	0.00
Hancock	0	0.00	Ritchie	0	0.00
Hardy	0	0.00	Roane	13	2.80
Harrison	1	0.22	Summers	3	0.65
Jackson	15	3.23	Taylor	0	0.00
Jefferson	0	0.00	Tucker	0	0.00
Kanawha	258	55.60	Tyler	0	0.00
Lewis	0	0.00	Upshur	0	0.00
Lincoln	7	1.51	Wayne	1	0.22
Logan	19	4.09	Webster	4	0.86
Marion	0	0.00	Wetzel	0	0.00
Marshall	0	0.00	Wirt	0	0.00
Mason	1	0.22	Wood	2	0.43
McDowell	8	1.72	Wyoming	4	0.86
Mercer	4	0.86	Total	464	100.00

Out of State:

n	%	n	%		
Alleghany, MD	0	0.00	Hickory, PA	0	0.00
Allegheny, PA	0	0.00	Johnson, KY	0	0.00
Athens, OH	0	0.00	Lawrence, KY	0	0.00
Bath, KY	0	0.00	Lawrence, OH	0	0.00
Belmont, OH	0	0.00	Lewis, KY	0	0.00
Boyd, KY	0	0.00	Magoffin, KY	0	0.00
Brunswick, NC	1	25.00	Martin, KY	0	0.00
Carter, KY	0	0.00	Meigs, OH	0	0.00
Fayette, PA	0	0.00	Menifee, KY	0	0.00
Floyd, KY	0	0.00	Monroe, OH	0	0.00
Fulton, OH	0	0.00	Morgan, KY	0	0.00
Gallia, OH	1	25.00	Pike, KY	1	25.00
Garrett, MD	0	0.00	Rowan, KY	0	0.00
Greene, PA	0	0.00	Scioto, OH	0	0.00
Greenup, KY	0	0.00	Somerset, OH	0	0.00
Hardin, KY	0	0.00	Washington, PA	1	25.00
Hickory, PA	0	0.00	Total	4	100.00

Ethnicity: (Missing: n=2)

n	%	n	%		
Black or African American	32	6.87	American Indian/Alaskan Native	0	0.00
White or Caucasian	430	92.27	Hispanic or Spanish	0	0.00
Asian or Pacific Islander	0	0.00	Other	4	0.86
			Total	466	100.00

Reason for Consult:

n	%
Goal clarification	348 74.36
Psych/spiritual support of pt/family	0 0.00
Pain and symptom management	84 17.95
Disposition	36 7.69
Total	468 100.00

Only one answer could be marked.

Patient was admitted to:	n	%
Hospital	468	100.00
Nursing Home/SNF	0	0.00
Other	0	0.00
Total	468	100.00

Primary Diagnosis:	n	%
Cancer	169	36.11
Cardiac	18	3.85
AIDS	4	0.85
Renal	20	4.27
Pulmonary	53	11.32
Liver	11	2.35
Neurological	84	17.95
Noncardiac Vascular	7	1.50
Dementia	21	4.49
General disability	48	10.26
Sepsis	33	7.05
Multi-organ failure	0	0.00
Total	468	100.00

PPS at first contact: (n=468)	%
Average	27
Maximum	80
Minimum	10

Symptoms at initial assessment: Those who reported "yes" they had these symptoms. Percentages are out of the total number of patients (468).					
	n	%		n	%
Pain	201	42.95	Nausea/Vomiting	61	13.03
Anorexia	86	18.38	Insomnia	76	16.24
Dysphasia	69	14.74	Weakness/malaise	224	47.86
Sore Mouth	18	3.85	Edema	80	17.09
Dyspnea	160	34.19	Restlessness	13	2.78
Cough	22	4.70	Confusion/delirium	43	9.19
Constipation	82	17.52	Anxiety	45	9.62
Diarrhea	24	5.13	Depression	58	12.39
			No symptoms	126	26.92
			Total	1262	

Would you be surprised if the patient died in the next year?	n	%
Yes	0	0.00
No	0	0.00
Total	0	0.00

Do Not Resuscitate:	n	%
Yes	349	74.57
No	119	25.43
Total	468	100.00

DNR Card:	n	%
Yes	16	3.42
No	452	96.58
Total	468	100.00

Did patient have multiple chronic illnesses:	n	%
Yes	418	89.32
No	50	10.68
Total	468	100.00

Of the 418 that had multiple illnesses, note the following:		n	%
	<=2	12	2.87
	>2	406	97.13
Total		418	100.00

PPS Range	n	%
< = 50	431	92.09
> = 51	37	7.91
Total	468	100.00

DNR initiated by PCT:	n	%
Yes	124	35.53
No	225	64.47
Total	349	100.00

DNR Card initiated by PCT:	n	%
Yes	14	21.21
No	2	12.50
Total	16	33.71

Advanced Directives

Living Will:	n	%
Yes	219	46.79
No	249	53.21
Total	468	100.00

Medical Power Of Attorney:	n	%
Yes	311	66.45
No	157	33.55
Total	468	100.00

Health Care Surrogate:	n	%
Yes	101	21.58
No	367	78.42
Total	468	100.00

Legal Guardian:	n	%
Yes	4	0.85
No	464	99.15
Parent of Minor	0	0.00
Total	468	100.00

POST Form completed:	n	%
Yes	66	14.10
No	402	85.90
Total	468	100.00

Did patient have decision making capacity at time of first visit? (Missing n=3)	n	%
Yes	191	41.08
No	253	54.41
Unable to determine	21	4.52
Total	465	100.00

Of the 253 patients WITHOUT decision making capacity the following advanced directives were noted:

Living Will:	n	%
Yes	109	43.08
No	144	56.92
Total	253	100.00

Medical Power Of Attorney:	n	%
Yes	152	60.08
No	101	39.92
Total	253	100.00

Health Care Surrogate:	n	%
Yes	86	33.99
No	167	66.01
Total	253	100.00

Legal Guardian:	n	%
Yes	3	1.19
capacity the following advanced directives were noted:	250	98.81
Parent of Minor	0	0.00
Total	253	100.00

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	2	0.79
MPOA or HCS appointed	231	91.30
Legal Guardian appointed	3	1.19
Neither MPOA or HCS appointed	17	6.72
Total	253	100.00

Living will initiated by PCT:	n	%
Yes	6	2.76
No	211	97.24
Total	217	100.00

MPOA initiated by PCT:	n	%
Yes	25	8.09
No	284	91.91
Total	309	100.00

HCS initiated by PCT:	n	%
Yes	55	54.46
No	46	45.54
Total	101	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	0.00
No	4	100.00
Total	4	100.00

POST Form initiated by PCT:	n	%
Yes	40	60.61
No	26	39.39
Total	66	100.00

Living will initiated by PCT:	n	%
Yes	0	0.00
No	107	100.00
Total	107	100.00

MPOA initiated by PCT:	n	%
Yes	0	0.00
No	150	100.00
Total	150	100.00

HCS initiated by PCT:	n	%
Yes	47	54.65
No	39	45.35
Total	86	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	0.00
No	3	100.00
Total	3	100.00

Advance Directives of any kind appointed:	n	%
Yes	237	93.68
No	16	6.32
Total	253	100.00

Of the 191 patients WITH decision making capacity the following advanced directives were noted:

Living Will:	n	%
Yes	98	51.31
No	93	48.69
Total	191	100.00

Living will initiated by PCT:	n	%
Yes	5	5.10
No	93	94.90
Total	98	100.00

Medical Power Of Attorney:	n	%
Yes	143	74.87
No	48	25.13
Total	191	100.00

MPOA initiated by PCT:	n	%
Yes	23	16.08
No	120	83.92
Total	143	100.00

Health Care Surrogate:	n	%
Yes	11	5.76
No	180	94.24
Total	191	100.00

HCS initiated by PCT:	n	%
Yes	4	36.36
No	7	63.64
Total	11	100.00

Legal Guardian:	n	%
Yes	1	0.52
No	190	99.48
Parent of Minor	0	0.00
Total	191	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	0.00
No	1	100.00
Total	1	100.00

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	2	1.05
MPOA or HCS appointed	149	78.01
Legal Guardian appointed	1	0.52
Neither MPOA or HCS appointed	39	20.42
Total	191	100.00

Advance Directives of any kind appointed:	n	%
Yes	152	79.58
No	39	20.42
Total	191	100.00

Of the 21 patients WITH an undetermined decision making capacity the following advanced directives were noted:

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	0	0.00
MPOA or HCS appointed	20	95.24
Legal Guardian appointed	0	0.00
Neither MPOA or HCS appointed	1	4.76
Total	21	100.00

Advance Directives of any kind appointed:	n	%
Yes	20	95.24
No	1	4.76
Total	21	100.00

Of those 190 patients WITH decision making capacity at time of first visit, 13 had pain scale scores for both the initial pain assessment and the 48 hour assessment.

The difference in pain scores between the two assessments.	n	%
Higher	0	0.00
Lower	10	76.92
No Change	3	23.08
Total	13	100.00

The difference in pain scores between the two assessments, with 0's for both initial and 48 hour removed.	n	%
Higher	0	0.00
Lower	10	76.92
No Change	3	23.08
Total	13	100.00

Of those 3 patients with no change in pain score from initial assessment to 48 hours, the following pain scores were reported:

Time1 /Time 2	n	%	Time1 /Time 2	n	%
0/0	0	0.00	6/6	0	0.00
1/1	0	0.00	7/7	0	0.00
2/2	1	33.33	8/8	0	0.00
3/3	1	33.33	9/9	0	0.00
4/4	0	0.00	10/10	1	33.33
5/5	0	0.00	Total	3	100.00

Of the 10 patients that experienced a decrease in pain score from initial assessment to 48 hours, the following changes were noted:

				Difference in Pain Scores					Difference in Pain Scores
n	Time 1	Time 2			n	Time 1	Time 2		
4	6	2		-4	1	9	3		-6
1	6	4		-2	1	9	6		-3
1	7	3		-4	1	9	7		-2
1	8	5		-3					

Of those 190 patients WITH decision making capacity at time of first visit, 7 had Dyspnea Assessments for both the initial assessment and the 48 hour assessment.

The difference between the two assessments.	n	%
Higher	0	0.00
Lower	3	42.86
No Change	4	57.14
Total	7	100.00

The difference in between the two assessments, with 0's for both initial and 48 hour removed.	n	%
Higher	0	0.00
Lower	3	42.86
No Change	4	57.14
Total	7	100.00

Of those 190 patients WITH decision making capacity at time of first visit, 13 had Weakness/Fatigue Assessments for both the initial assessment and the 48 hour assessment.

The difference between the two assessments.	n	%
Higher	0	0.00
Lower	4	30.77
No Change	9	69.23
Total	13	100.00

The difference in between the two assessments, with 0's for both initial and 48 hour removed.	n	%
Higher	0	0.00
Lower	4	30.77
No Change	9	69.23
Total	13	100.00

Treatments in use and changes while PCT involved in care:

How to interpret the data: (Information reported reflects only those variables that were marked, no assumptions can be made.)
The patient(s) can be using or not using a treatment at the time palliative care gets involved. If the treatment is marked "in use" it can be stopped. If the treatment is marked "not in use" it can be avoided.

Example: Intravenous fluids: 77 patients (16.45%) were receiving intravenous fluids, 391 (83.55%) were not using the intravenous fluids.
Of the 77 patients using IV fluids, 43 (55.84%) discontinued use. Of the 391 patients not receiving IV fluids, 1 (0.26%) treatment was avoided.

Intravenous fluids	n	%
In use	77	16.45
Not in use	391	83.55
In use and stopped	43	55.84
Not in use and avoided	1	0.26

Intravenous antibiotics	n	%
In use	59	12.61
Not in use	409	87.39
In use and stopped	31	52.54
Not in use and avoided	0	0.00

Intravenous Vasopressors	n	%
In use	16	3.42
Not in use	452	96.58
In use and stopped	10	62.50
Not in use and avoided	0	0.00

TPN/PPN	n	%
In use	11	2.35
Not in use	457	97.65
In use and stopped	5	45.45
Not in use and avoided	4	0.88

Gastric feedings	n	%
In use	53	11.32
Not in use	415	88.68
In use and stopped	28	52.83
Not in use and avoided	0	0.00

Dialysis	n	%
In use	11	2.35
Not in use	457	97.65
In use and stopped	2	18.18
Not in use and avoided	2	0.44

Diagnostic labs	n	%
In use	99	21.15
Not in use	369	78.85
In use and stopped	50	50.51
Not in use and avoided	0	0.00

Diagnostic x-rays	n	%
In use	91	19.44
Not in use	377	80.56
In use and stopped	44	48.35
Not in use and avoided	1	0.27

Mechanical ventilation	n	%
In use	39	8.33
Not in use	429	91.67
In use and stopped	22	56.41
Not in use and avoided	25	5.83

BIPAP or CPAP	n	%
In use	14	2.99
Not in use	454	97.01
In use and stopped	6	42.86
Not in use and avoided	1	0.22

Transfusions	n	%
In use	10	2.14
Not in use	458	97.86
In use and stopped	4	40.00
Not in use and avoided	0	0.00

Chemotherapy	n	%
In use	5	1.07
Not in use	463	98.93
In use and stopped	1	20.00
Not in use and avoided	4	0.86

Radiation Therapy	n	%
In use	0	0.00
Not in use	468	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

Surgery	n	%
In use	18	3.85
Not in use	450	96.15
In use and stopped	0	0.00
Not in use and avoided	11	2.44

ICU Admission to floor	n	%
In use	0	0.00
Not in use	468	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

Other	n	%
In use	0	0.00
Not in use	468	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

Discharge Summary:

A total of 126 (26.92%) patients died while being followed by the palliative care teams during 2009.

Disposition:	n	%
<i>Data reported for the following is strictly based on what happened to the patient on their exact discharge date.</i>		
Death	126	26.92
SNU (Hospital)	0	0.00
PCU	0	0.00
NH/SNF	52	11.11
Home	63	13.46
Hospice	87	18.59
Home Health	24	5.13
Hospital (Transfer)	3	0.64
Hospice inpatient	3	0.64
NH/SNF with Hospice	9	1.92
Personal care home	0	0.00
Acute Rehabilitation	1	0.21
Hospice House	88	18.80
LTAC	0	0.00
Team services no longer needed	0	0.00
Other	12	2.56
Total	468	100.00

Place of Death:	n	%
<i>Data reported for the following is based on the patient dying on the date of discharge.</i>		
Hospital (ICU)	21	16.67
Hospital (Acute)	105	83.33
Personal Care Home	0	0.00
Home	0	0.00
SNU (Hospital)	0	0.00
NH/SNF	0	0.00
Hospice Inpatient	0	0.00
Hospice House	0	0.00
PCU	0	0.00
Home Health	0	0.00
Hospice	0	0.00
NH/SNF with Hospice	0	0.00
Acute Rehabilitation	0	0.00
Other	0	0.00
Total	126	100.00

Of those 126 patients who died the following were designated:

Primary Diagnosis	n	%
Cancer	29	23.02
Cardiac	2	1.59
AIDS	0	0.00
Renal	3	2.38
Pulmonary	22	17.46
Liver	6	4.76
Neurological	35	27.78
Noncardiac Vascular	1	0.79
Dementia	4	3.17
General Disability	18	14.29
Sepsis	6	4.76
Mult-organ failure	0	0.00
Total	126	100.00

Interventions by PCT: (More than one option can be checked. Percentages are out of the total number of patients (468).)

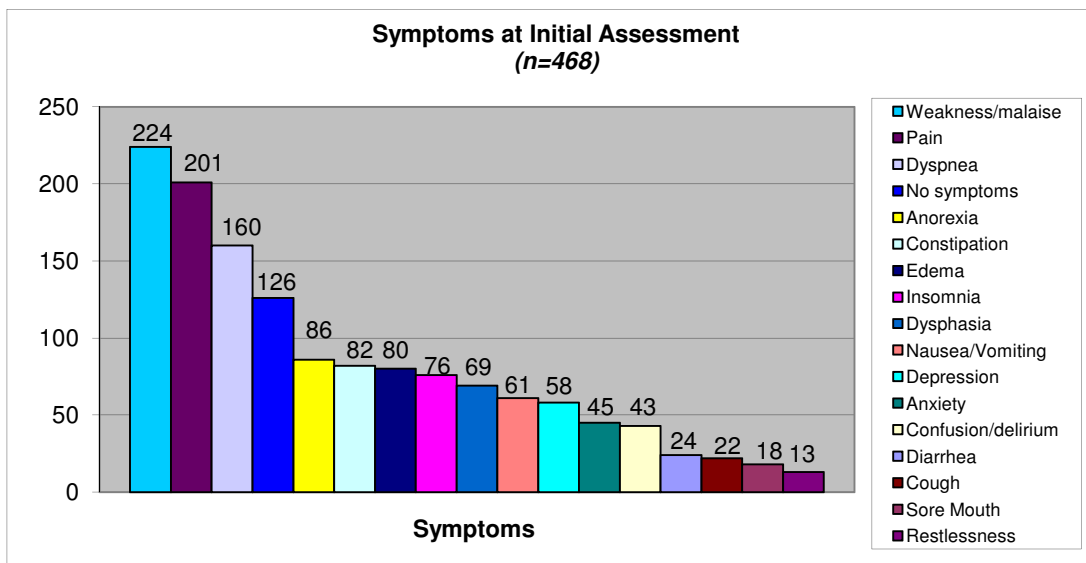
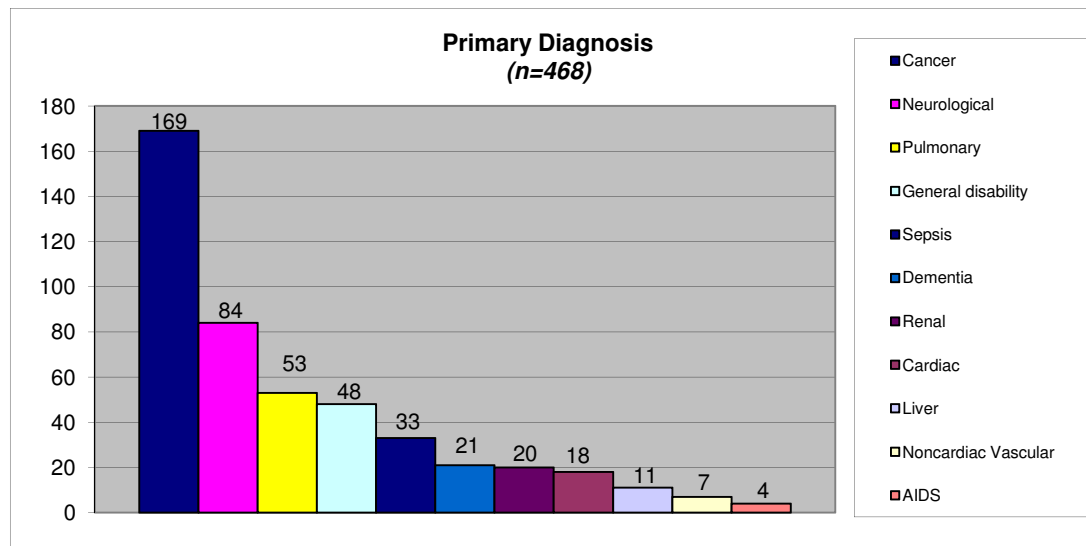
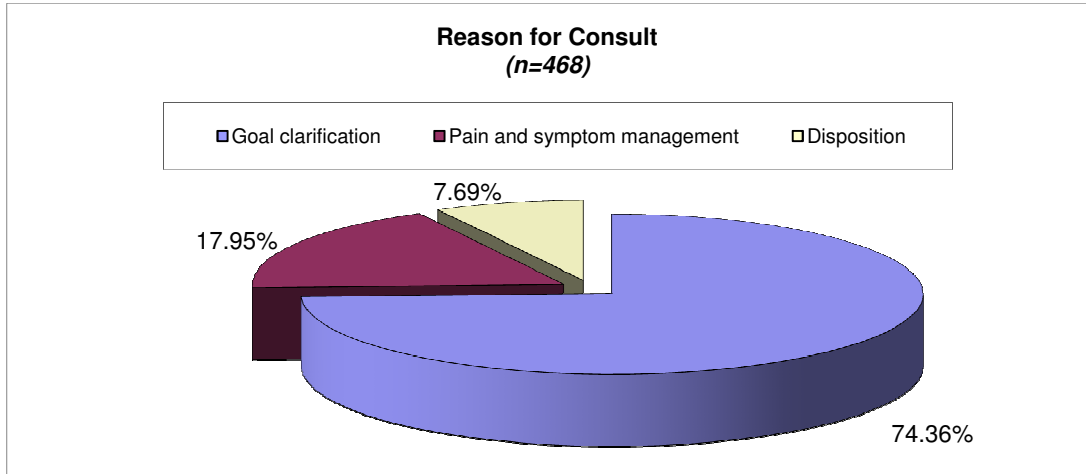
	n	%
Education about the process of their disease, prognosis and options for care.	403	86.11
Conduct a patient and family care conference with appropriate members of the interdisciplinary team.	423	90.38
Education about the benefits and burdens of specific treatments or potential interventions.	315	67.31
Provide information about spiritual care services or counseling services available.	165	35.26
Provide individual education and support to families and unlicensed caregivers to assure safe and appropriate care after discharge.	68	14.53
Provide pain and symptom management recommendations.	292	62.39
Education about the signs and symptoms of imminent death or dying process in a timely, culturally appropriate manner.	94	20.09
Hospice option for care was presented at this admission.	269	57.48
Total	2029	

Outcomes or decisions followed by family: (More than one option can be checked. Percentages are out of the total number of patients (468).)

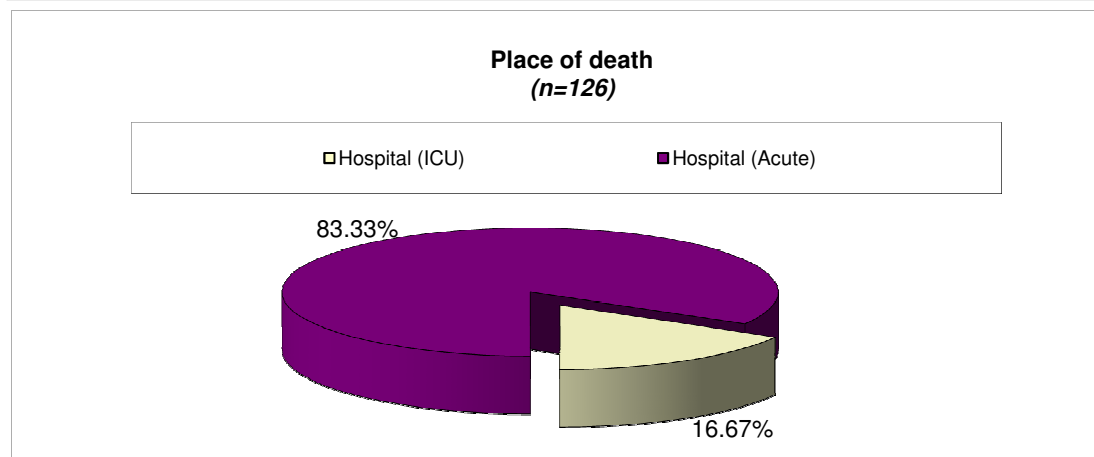
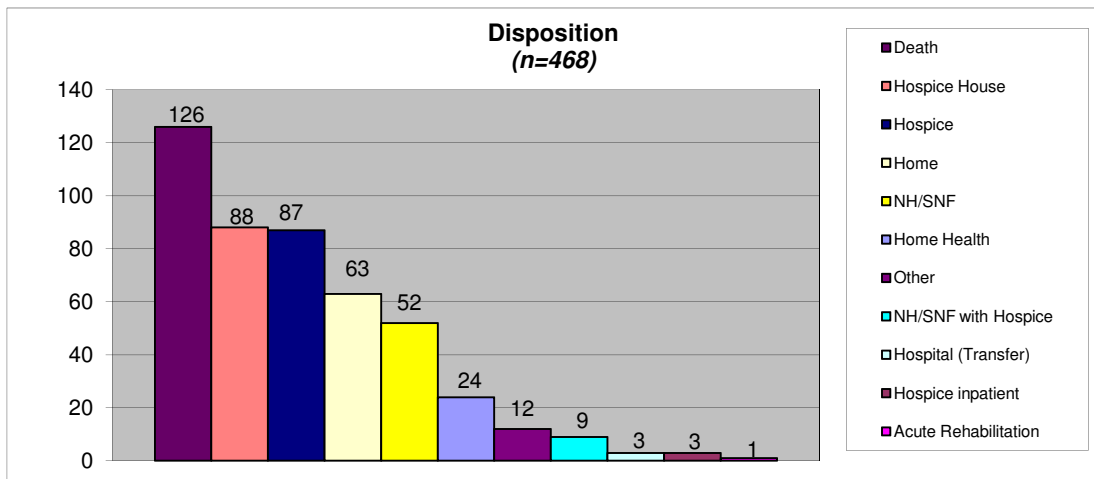
	n	%
Patient and family participated in family care conference	0	0.00
Pastoral Care referral	44	9.40
Involvement of own clergy for spiritual support	82	17.52
Total	126	

PCT Data Collection - Tool

Total number of Palliative Care consults completed during 2009: 468



PCT Data Collection Tool - Outcomes



PCT Data Collection - Tool

Total number of patients discharged during January through December 2009:
 The data throughout this report that are noted as missing data were checked.

28

Gender:	n	%
Male	10	35.71
Female	18	64.29
Total	28	100.00

Marital Status:	n	%
Single	0	0.00
Married	11	39.29
Divorced	2	7.14
Separated	0	0.00
Widowed	15	53.57
Total	28	100.00

County of Residence:

In State:	n	%	n	%	
Barbour	0	0.00	Mineral	0	0.00
Berkeley	0	0.00	Mingo	0	0.00
Boone	0	0.00	Monongalia	1	3.57
Braxton	0	0.00	Monroe	0	0.00
Brooke	0	0.00	Morgan	0	0.00
Cabell	0	0.00	Nicholas	0	0.00
Calhoun	0	0.00	Ohio	0	0.00
Clay	0	0.00	Pendleton	0	0.00
Doddridge	0	0.00	Pleasants	0	0.00
Fayette	0	0.00	Pocahontas	0	0.00
Gilmer	0	0.00	Preston	0	0.00
Grant	0	0.00	Putnam	0	0.00
Greenbrier	0	0.00	Raleigh	0	0.00
Hampshire	0	0.00	Randolph	0	0.00
Hancock	0	0.00	Ritchie	0	0.00
Hardy	0	0.00	Roane	0	0.00
Harrison	0	0.00	Summers	0	0.00
Jackson	0	0.00	Taylor	0	0.00
Jefferson	0	0.00	Tucker	0	0.00
Kanawha	0	0.00	Tyler	0	0.00
Lewis	0	0.00	Upshur	0	0.00
Lincoln	0	0.00	Wayne	0	0.00
Logan	0	0.00	Webster	0	0.00
Marion	27	96.43	Wetzel	0	0.00
Marshall	0	0.00	Wirt	0	0.00
Mason	0	0.00	Wood	0	0.00
McDowell	0	0.00	Wyoming	0	0.00
Mercer	0	0.00	Total	28	100.00

Out of State:

n	%	n	%		
Alleghany, MD	0	#DIV/0!	Hickory, PA	0	#DIV/0!
Allegheny, PA	0	#DIV/0!	Johnson, KY	0	#DIV/0!
Athens, OH	0	#DIV/0!	Lawrence, KY	0	#DIV/0!
Bath, KY	0	#DIV/0!	Lawrence, OH	0	#DIV/0!
Belmont, OH	0	#DIV/0!	Lewis, KY	0	#DIV/0!
Boyd, KY	0	#DIV/0!	Magoffin, KY	0	#DIV/0!
Brunswick, NC	0	#DIV/0!	Martin, KY	0	#DIV/0!
Carter, KY	0	#DIV/0!	Meigs, OH	0	#DIV/0!
Fayette, PA	0	#DIV/0!	Menifee, KY	0	#DIV/0!
Floyd, KY	0	#DIV/0!	Monroe, OH	0	#DIV/0!
Fulton, OH	0	#DIV/0!	Morgan, KY	0	#DIV/0!
Gallia, OH	0	#DIV/0!	Pike, KY	0	#DIV/0!
Garrett, MD	0	#DIV/0!	Rowan, KY	0	#DIV/0!
Greene, PA	0	#DIV/0!	Scioto, OH	0	#DIV/0!
Greenup, KY	0	#DIV/0!	Somerset, OH	0	#DIV/0!
Hardin, KY	0	#DIV/0!	Washington, PA	0	#DIV/0!
Hickory, PA	0	#DIV/0!	Total	0	#DIV/0!

Ethnicity:

n	%	n	%		
Black or African American	0	0.00	American Indian/Alaskan Native	0	0.00
White or Caucasian	28	100.00	Hispanic or Spanish	0	0.00
Asian or Pacific Islander	0	0.00	Other	0	0.00
			Total	28	100.00

Reason for Consult:

	n	%
<i>Only one answer could be marked.</i>		
Goal clarification	2	7.14
Psych/spiritual support of pt/family	24	85.71
Pain and symptom management	2	7.14
Disposition	0	0.00
Total	28	100.00

Patient was admitted to:

	n	%
Hospital	28	100.00
Nursing Home/SNF	0	0.00
Other	0	0.00
Total	28	100.00

Primary Diagnosis:

	n	%
Cancer	12	42.86
Cardiac	1	3.57
AIDS	0	0.00
Renal	2	7.14
Pulmonary	5	17.86
Liver	0	0.00
Neurological	1	3.57
Noncardiac Vascular	2	7.14
Dementia	0	0.00
General disability	3	10.71
Sepsis	0	0.00
Multi-organ failure	2	7.14
Total	28	100.00

PPS at first contact: (n=28)

	%
Average	15
Maximum	60
Minimum	10

Symptoms at initial assessment: Those who reported "yes" they had these symptoms. Percentages are out of the total number of patients (28).

(Missing n=2)	n	%		n	%
Pain	4	14.29	Nausea/Vomiting	2	7.14
Anorexia	1	3.57	Insomnia	0	0.00
Dysphasia	1	3.57	Weakness/malaise	6	21.43
Sore Mouth	0	0.00	Edema	0	0.00
Dyspnea	8	28.57	Restlessness	2	7.14
Cough	0	0.00	Confusion/delirium	2	7.14
Constipation	0	0.00	Anxiety	0	0.00
Diarrhea	0	0.00	Depression	0	0.00
			No symptoms	11	39.29
			Total	26	

Would you be surprised if the patient died in the next year?

	n	%
Yes	0	0.00
No	28	100.00
Total	28	100.00

Do Not Resuscitate:

	n	%
Yes	28	100.00
No	0	0.00
Total	28	100.00

DNR Card:

	n	%
Yes	0	0.00
No	28	100.00
Total	28	100.00

Did patient have multiple chronic illnesses:

	n	%
Yes	26	92.86
No	2	7.14
Total	28	100.00

Of the 26 that had multiple illnesses, note the following:

	n	%
<=2	0	0.00
>2	26	100.00
Total	26	100.00

PPS Range

	n	%
< = 50	27	96.43
> = 51	1	3.57
Total	28	100.00

DNR initiated by PCT:

	n	%
Yes	7	25.00
No	21	75.00
Total	28	100.00

DNR Card initiated by PCT:

	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

Advanced Directives

Living Will:	n	%
Yes	15	53.57
No	13	46.43
Total	28	100.00

Medical Power Of Attorney:	n	%
Yes	18	64.29
No	10	35.71
Total	28	100.00

Health Care Surrogate:	n	%
Yes	2	7.14
No	26	92.86
Total	28	100.00

Legal Guardian:	n	%
Yes	0	0.00
No	28	100.00
Parent of Minor	0	0.00
Total	28	100.00

POST Form completed:	n	%
Yes	0	0.00
No	28	100.00
Total	28	100.00

Did patient have decision making capacity at time of first visit?	n	%
Yes	3	10.71
No	25	89.29
Unable to determine	0	0.00
Total	28	100.00

Of the 25 patients WITHOUT decision making capacity the following advanced directives were noted:

Of the 253 patients WITHOUT decision making capacity	n	%
Yes	14	56.00
No	11	44.00
Total	25	100.00

Medical Power Of Attorney:	n	%
Yes	16	64.00
No	9	36.00
Total	25	100.00

Health Care Surrogate:	n	%
Yes	2	8.00
No	23	92.00
Total	25	100.00

Legal Guardian:	n	%
Yes	0	0.00
No	25	100.00
Parent of Minor	0	0.00
capacity the following advanced directives were noted:	25	100.00

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	0	0.00
MPOA or HCS appointed	18	72.00
Legal Guardian appointed	0	0.00
Neither MPOA or HCS appointed	7	28.00
Total	25	100.00

Living will initiated by PCT:	n	%
Yes	0	0.00
No	15	100.00
Total	15	100.00

MPOA initiated by PCT:	n	%
Yes	1	5.56
No	17	94.44
Total	18	100.00

HCS initiated by PCT:	n	%
Yes	1	50.00
No	1	50.00
Total	2	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

POST Form initiated by PCT:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

Living will initiated by PCT:	n	%
Yes	0	0.00
No	14	100.00
Total	14	100.00

MPOA initiated by PCT:	n	%
Yes	0	0.00
No	16	100.00
Total	16	100.00

HCS initiated by PCT:	n	%
Yes	1	50.00
No	1	50.00
Total	2	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

Advance Directives of any kind appointed:	n	%
Yes	19	76.00
No	6	24.00
Total	25	100.00

Of the 3 patients WITH decision making capacity the following advanced directives were noted:

Living Will:	n	%
Yes	1	33.33
No	2	66.67
Total	3	100.00

Medical Power Of Attorney:	n	%
Yes	2	66.67
No	1	33.33
Total	3	100.00

Health Care Surrogate:	n	%
Yes	0	0.00
No	3	100.00
Total	3	100.00

Legal Guardian:	n	%
Yes	0	0.00
No	3	100.00
Parent of Minor	0	0.00
Total	3	100.00

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	0	0.00
MPOA or HCS appointed	2	66.67
Legal Guardian appointed	0	0.00
Neither MPOA or HCS appointed	1	33.33
Total	3	100.00

Living will initiated by PCT:	n	%
Yes	0	0.00
No	1	100.00
Total	1	100.00

MPOA initiated by PCT:	n	%
Yes	1	50.00
No	1	50.00
Total	2	100.00

HCS initiated by PCT:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

Legal Guardian initiated by PCT:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

Advance Directives of any kind appointed:	n	%
Yes	2	66.67
No	1	33.33
Total	3	100.00

Of the 0 patients WITH an undetermined decision making capacity the following advanced directives were noted:

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	0	#DIV/0!
MPOA or HCS appointed	0	#DIV/0!
Legal Guardian appointed	0	#DIV/0!
Neither MPOA or HCS appointed	0	#DIV/0!
Total	0	#DIV/0!

Advance Directives of any kind appointed:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

Of those 3 patients WITH decision making capacity at time of first visit, 3 had pain scale scores for both the initial pain assessment and the 48 hour assessment.

The difference in pain scores between the two assessments.	n	%
Higher	0	0.00
Lower	2	66.67
No Change	1	33.33
Total	3	100.00

The difference in pain scores between the two assessments, with 0's for both initial and 48 hour removed.	n	%
Higher	0	0.00
Lower	2	66.67
No Change	1	33.33
Total	3	100.00

Of the 1 patient with no change in pain score from initial assessment to 48 hours, the following pain score was reported:

Time1 /Time 2	n	%	Time1 /Time 2	n	%
0/0	0	0.00	6/6	0	0.00
1/1	0	0.00	7/7	0	0.00
2/2	1	100.00	8/8	0	0.00
3/3	0	0.00	9/9	0	0.00
4/4	0	0.00	10/10	0	0.00
5/5	0	0.00	Total	1	100.00

Of the 2 patients that experienced a decrease in pain score from initial assessment to 48 hours, the following changes were noted:

	n	Time 1	Time 2	Difference in Pain Scores
	1	5	2	-3
	1	6	2	-4

Of those 3 patients WITH decision making capacity at time of first visit, 3 had Dyspnea Assessments for both the initial assessment and the 48 hour assessment.

The difference between the two assessments.		
	n	%
Higher	0	0.00
Lower	2	66.67
No Change	1	33.33
Total	3	100.00

The difference in between the two assessments, with 0's for both initial and 48 hour removed.		
	n	%
Higher	0	0.00
Lower	2	100.00
No Change	0	0.00
Total	2	100.00

Of those 3 patients WITH decision making capacity at time of first visit, 2 had Weakness/Fatigue Assessments for both the initial assessment and the 48 hour assessment.

The difference between the two assessments.		
	n	%
Higher	0	0.00
Lower	0	0.00
No Change	2	100.00
Total	2	100.00

The difference in between the two assessments, with 0's for both initial and 48 hour removed.		
	n	%
Higher	0	0.00
Lower	0	0.00
No Change	2	100.00
Total	2	100.00

Treatments in use and changes while PCT involved in care:

How to interpret the data: (Information reported reflects only those variables that were marked, no assumptions can be made.)

The patient(s) can be using or not using a treatment at the time palliative care gets involved. If the treatment is marked "in use" it can be stopped. If the treatment is marked "not in use" it can be avoided.

Example: Intravenous fluids: 27 patients (96.43%) were receiving intravenous fluids, 1 (3.57%) were not using the intravenous fluids.

Of the 27 patients using IV fluids, 19(70.37%) discontinued use. Of the 1 patient not receiving IV fluids, 1 (100.00%) treatment was avoided.

Intravenous fluids	n	%
In use	27	96.43
Not in use	1	3.57
In use and stopped	19	70.37
Not in use and avoided	1	100.00

Intravenous antibiotics	n	%
In use	19	67.86
Not in use	9	32.14
In use and stopped	15	78.95
Not in use and avoided	2	22.22

Intravenous Vasopressors	n	%
In use	6	21.43
Not in use	22	78.57
In use and stopped	6	100.00
Not in use and avoided	1	4.55

TPN/PPN	n	%
In use	1	3.57
Not in use	27	96.43
In use and stopped	1	100.00
Not in use and avoided	1	3.70

Gastric feedings	n	%
In use	0	0.00
Not in use	28	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

Dialysis	n	%
In use	0	0.00
Not in use	28	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	2	7.14

Diagnostic labs	n	%
In use	24	85.71
Not in use	4	14.29
In use and stopped	19	79.17
Not in use and avoided	1	25.00

Diagnostic x-rays	n	%
In use	24	85.71
Not in use	4	14.29
In use and stopped	19	79.17
Not in use and avoided	1	25.00

Mechanical ventilation	n	%
In use	4	14.29
Not in use	24	85.71
In use and stopped	4	100.00
Not in use and avoided	8	33.33

BIPAP or CPAP	n	%
In use	2	7.14
Not in use	26	92.86
In use and stopped	2	100.00
Not in use and avoided	4	15.38

Transfusions	n	%
In use	2	7.14
Not in use	26	92.86
In use and stopped	2	100.00
Not in use and avoided	2	7.69

Chemotherapy	n	%
In use	2	7.14
Not in use	26	92.86
In use and stopped	0	0.00
Not in use and avoided	1	3.85

Radiation Therapy	n	%
In use	0	0.00
Not in use	28	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

Surgery	n	%
In use	0	0.00
Not in use	28	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

ICU Admission to the floor	n	%
In use	0	0.00
Not in use	28	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

Other	n	%
In use	0	0.00
Not in use	28	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

Discharge Summary:

Even after discharge the palliative care teams continue to track and follow-up with their patients.

A total of 16 (57.14%) patients died while being followed by the palliative care teams during 2009.

Disposition:	n	%
<i>Data reported for the following is strictly based on what happened to the patient on their exact discharge date.</i>		
Death	16	57.14
SNU (Hospital)	0	0.00
PCU	0	0.00
NH/SNF	5	17.86
Home	0	0.00
Hospice	5	17.86
Home Health	0	0.00
Hospital (Transfer)	0	0.00
Hospice inpatient	0	0.00
NH/SNF with Hospice	2	7.14
Personal care home	0	0.00
Acute Rehabilitation	0	0.00
Hospice House	0	0.00
LTAC	0	0.00
Team services no longer needed	0	0.00
Other	0	0.00
Total	28	100.00

Place of Death:	n	%
<i>Data reported for the following is based on the patient dying on the date of discharge.</i>		
Hospital (ICU)	0	0.00
Hospital (Acute)	16	100.00
Personal Care Home	0	0.00
Home	0	0.00
SNU (Hospital)	0	0.00
NH/SNF	0	0.00
Hospice Inpatient	0	0.00
Hospice House	0	0.00
PCU	0	0.00
Home Health	0	0.00
Hospice	0	0.00
NH/SNF with Hospice	0	0.00
Acute Rehabilitation	0	0.00
Other	0	0.00
Total	16	100.00

Of those 16 patients who died the following were designated:

Primary Diagnosis	n	%
Cancer	8	50.00
Cardiac	0	0.00
AIDS	0	0.00
Renal	2	12.50
Pulmonary	3	18.75
Liver	0	0.00
Neurological	0	0.00
Noncardiac Vascular	1	6.25
Dementia	0	0.00
General Disability	2	12.50
Sepsis	0	0.00
Multit-organ failure	0	0.00
Total	16	100.00

Interventions by PCT: (More than one option can be checked. Percentages are out of the total number of patients (28).)

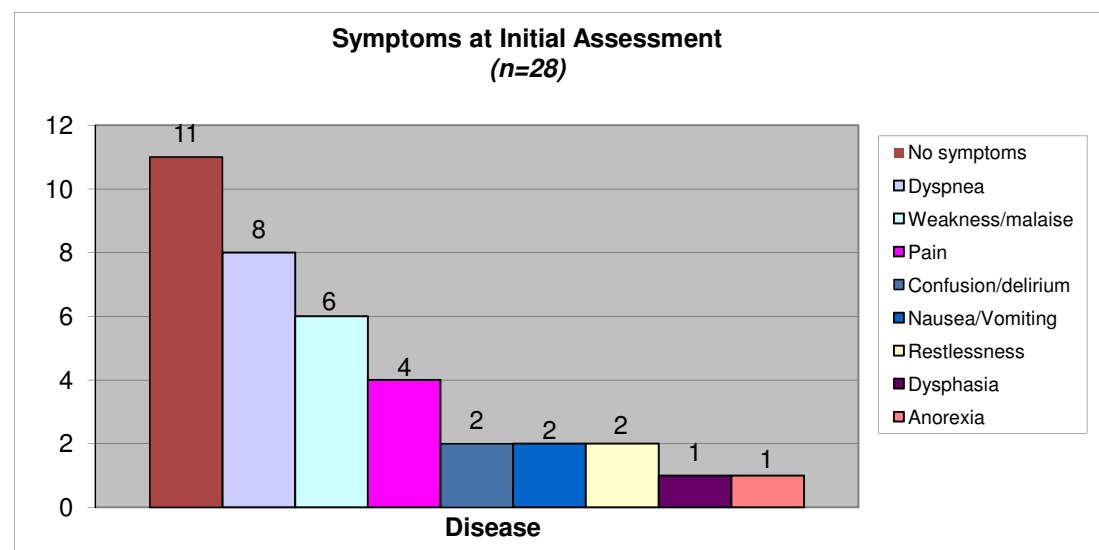
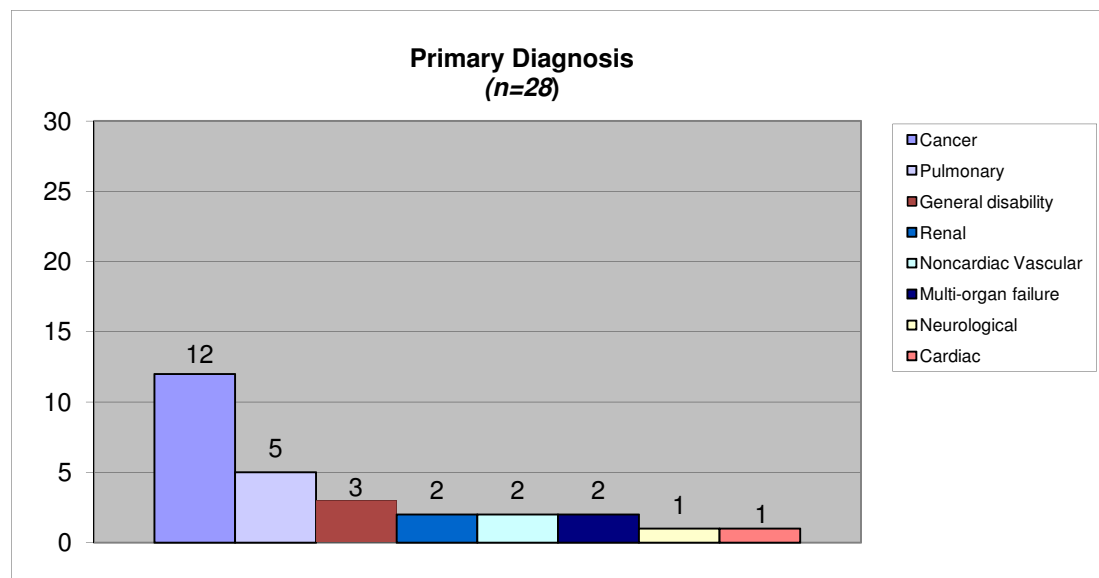
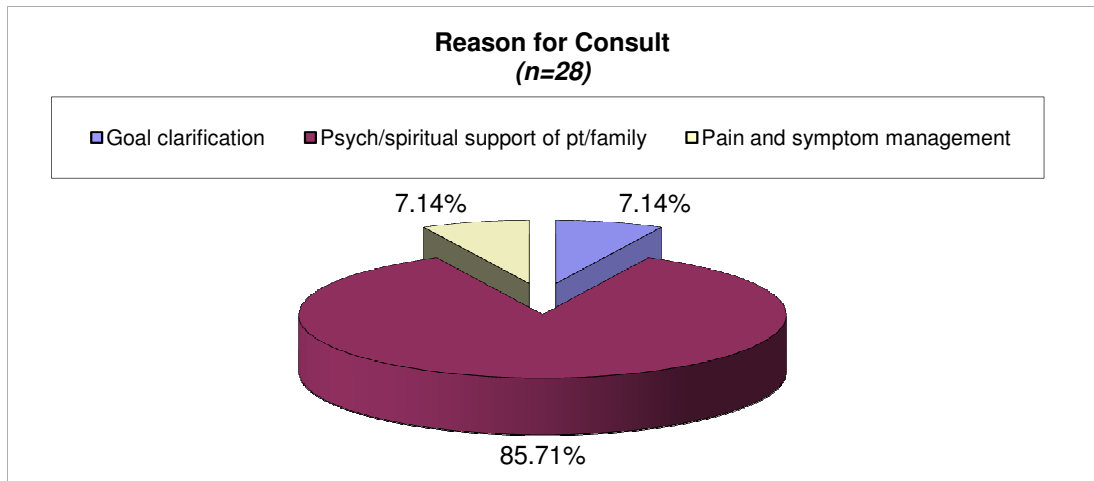
	n	%
Education about the process of their disease, prognosis and options for care.	25	89.29
Conduct a patient and family care conference with appropriate members of the interdisciplinary team.	9	32.14
Education about the benefits and burdens of specific treatments or potential interventions.	10	35.71
Provide information about spiritual care services or counseling services available.	4	14.29
Provide individual education and support to families and unlicensed caregivers to assure safe and appropriate care after discharge.	4	14.29
Provide pain and symptom management recommendations.	11	39.29
Education about the signs and symptoms of imminent death or dying process in a timely, culturally appropriate manner.	11	39.29
Hospice option for care was presented at this admission.	2	7.14
Total	76	

Outcomes or decisions followed by family: (More than one option can be checked. Percentages are out of the total number of patients (28).)

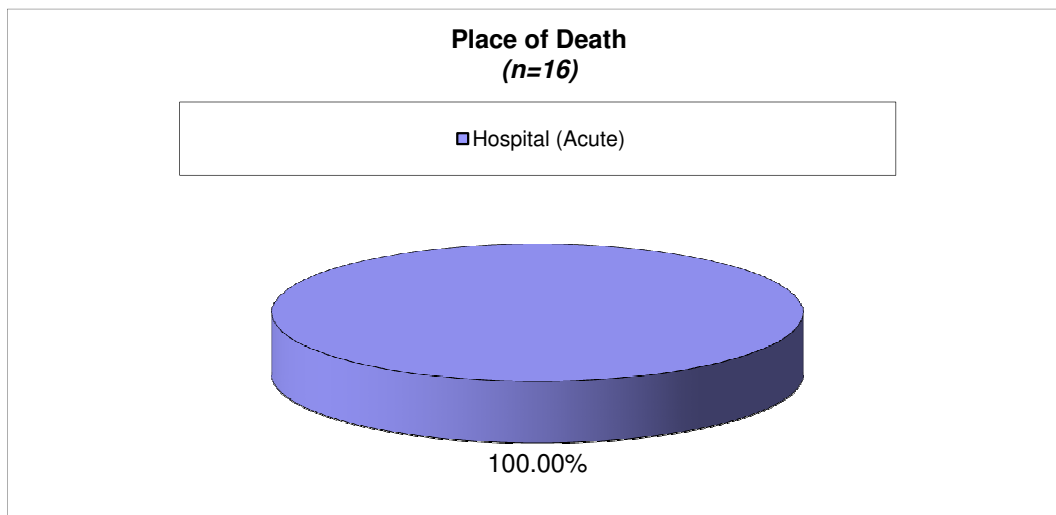
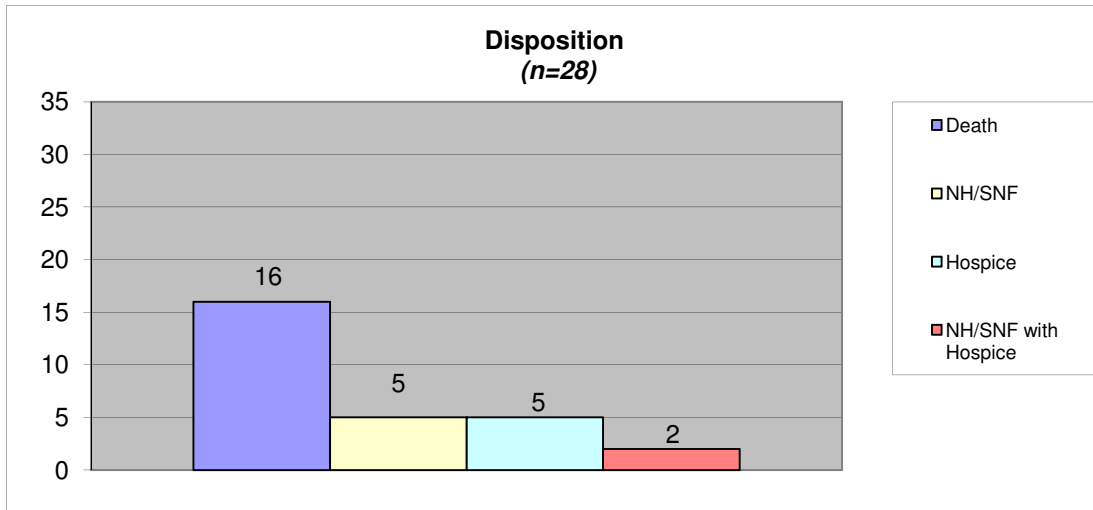
	n	%
Patient and family participated in family care conference	18	64.29
Pastoral Care referral	2	7.14
Involvement of own clergy for spiritual support	0	0.00
Total	20	

PCT Data Collection - Tool

Total number of Palliative Care consults completed during 2009: 28



PCT Data Collection Tool - Outcomes



PCT Data Collection - Tool

Total number of patients discharged during January through December 2009:
 The data throughout this report that are noted as missing data were checked.

207

Gender:	n	%
Male	100	48.31
Female	107	51.69
Total	207	100.00

Marital Status:	n	%
Single	19	9.18
Married	99	47.83
Divorced	32	15.46
Separated	0	0.00
Widowed	57	27.54
Total	207	100.00

County of Residence:

In State:	n	%	n	%	
Barbour	0	0.00	Mineral	0	0.00
Berkeley	0	0.00	Mingo	11	6.67
Boone	0	0.00	Monongalia	0	0.00
Braxton	0	0.00	Monroe	0	0.00
Brooke	0	0.00	Morgan	0	0.00
Cabell	92	55.76	Nicholas	2	1.21
Calhoun	0	0.00	Ohio	0	0.00
Clay	0	0.00	Pendleton	0	0.00
Doddridge	0	0.00	Pleasants	0	0.00
Fayette	2	1.21	Pocahontas	0	0.00
Gilmer	0	0.00	Preston	0	0.00
Grant	0	0.00	Putnam	8	4.85
Greenbrier	0	0.00	Raleigh	1	0.61
Hampshire	0	0.00	Randolph	0	0.00
Hancock	0	0.00	Ritchie	0	0.00
Hardy	0	0.00	Roane	0	0.00
Harrison	0	0.00	Summers	0	0.00
Jackson	0	0.00	Taylor	0	0.00
Jefferson	0	0.00	Tucker	0	0.00
Kanawha	2	1.21	Tyler	0	0.00
Lewis	0	0.00	Upshur	0	0.00
Lincoln	10	6.06	Wayne	23	13.94
Logan	3	1.82	Webster	0	0.00
Marion	0	0.00	Wetzel	0	0.00
Marshall	0	0.00	Wirt	0	0.00
Mason	9	5.45	Wood	0	0.00
McDowell	0	0.00	Wyoming	2	1.21
Mercer	0	0.00	Total	165	100.00

Out of State:

n	%	n	%		
Alleghany, MD	0	0.00	Hickory, PA	0	0.00
Allegheny, PA	0	0.00	Johnson, KY	1	2.38
Athens, OH	0	0.00	Lawrence, KY	1	2.38
Bath, KY	2	4.76	Lawrence, OH	13	30.95
Belmont, OH	0	0.00	Lewis, KY	0	0.00
Boyd, KY	5	11.90	Magoffin, KY	1	2.38
Brunswick, NC	0	0.00	Martin, KY	6	14.29
Carter, KY	0	0.00	Meigs, OH	1	2.38
Fayette, PA	0	0.00	Menifee, KY	0	0.00
Floyd, KY	6	14.29	Monroe, OH	0	0.00
Fulton, OH	0	0.00	Morgan, KY	0	0.00
Gallia, OH	1	2.38	Pike, KY	1	2.38
Garrett, MD	0	0.00	Rowan, KY	0	0.00
Greene, PA	0	0.00	Scioto, OH	2	4.76
Greenup, KY	1	2.38	Somerset, OH	0	0.00
Hardin, KY	1	2.38	Washington, PA	0	0.00
Hickory, PA	0	0.00	Total	42	100.00

Ethnicity:

n	%	n	%		
Black or African American	5	2.42	American Indian/Alaskan Native	2	0.97
White or Caucasian	197	95.17	Hispanic or Spanish	3	1.45
Asian or Pacific Islander	0	0.00	Other	0	0.00
			Total	207	100.00

Reason for Consult:

n	%	
Goal clarification	33	15.94
Psych/spiritual support of pt/family	9	4.35
Pain and symptom management	126	60.87
Disposition	39	18.84
Total	207	100.00

Only one answer could be marked.

Patient was admitted to:	n	%
Hospital	205	99.03
Nursing Home/SNF	0	0.00
Other	2	0.97
Total	207	100.00

Primary Diagnosis:	n	%
Cancer	134	64.73
Cardiac	4	1.93
AIDS	0	0.00
Renal	6	2.90
Pulmonary	18	8.70
Liver	7	3.38
Neurological	17	8.21
Noncardiac Vascular	5	2.42
Dementia	5	2.42
General disability	6	2.90
Sepsis	2	0.97
Multi-organ failure	3	1.45
Total	207	100.00

PPS at first contact: (n=207)	%
Average	26
Maximum	80
Minimum	10

Symptoms at initial assessment: Those who reported "yes" they had these symptoms. Percentages are <u>out of the total number of patients 207</u>					
	n	%		n	%
Pain	126	60.87	Nausea/Vomiting	18	8.70
Anorexia	6	2.90	Insomnia	4	1.93
Dysphasia	8	3.86	Weakness/malaise	32	15.46
Sore Mouth	1	0.48	Edema	13	6.28
Dyspnea	68	32.85	Restlessness	6	2.90
Cough	5	2.42	Confusion/delirium	58	28.02
Constipation	12	5.80	Anxiety	19	9.18
Diarrhea	5	2.42	Depression	2	0.97
			No symptoms	17	8.21
			Total	383	

Would you be surprised if the patient died in the next year? (Missing n=2)	n	%
Yes	1	0.48
No	204	98.55
Total	205	99.03

Do Not Resuscitate:	n	%
Yes	157	75.85
No	50	24.15
Total	207	100.00

DNR Card:	n	%
Yes	71	34.30
No	136	65.70
Total	207	100.00

Did patient have multiple chronic illnesses:	n	%
Yes	175	84.54
No	32	15.46
Total	207	100.00

Of the 175 that had multiple illnesses, note the following:		n	%
	<=2	1	0.57
	>2	174	99.43
Total		175	100.00

PPS Range	n	%
< = 50	194	93.72
> = 51	13	6.28
Total	207	100.00

DNR initiated by PCT:	n	%
Yes	63	40.13
No	94	59.87
Total	157	100.00

DNR Card initiated by PCT: (Missing n=1)	n	%
Yes	70	100.00
No	0	0.00
Total	70	100.00

Advanced Directives

Living Will:	n	%
Yes	52	25.12
No	155	74.88
Total	207	100.00

Medical Power Of Attorney:	n	%
Yes	74	35.75
No	133	64.25
Total	207	100.00

Health Care Surrogate:	n	%
Yes	89	43.00
No	118	57.00
Total	207	100.00

Legal Guardian:	n	%
Yes	5	2.42
No	202	97.58
Parent of Minor	0	0.00
Total	207	100.00

POST Form completed:	n	%
Yes	5	2.42
No	202	97.58
Total	207	100.00

Did patient have decision making capacity at time of first visit?	n	%
Yes	56	27.05
No	112	54.11
Unable to determine	39	18.84
Total	207	100.00

Of the 253 patients WITHOUT decision making capac	n	%
Yes	22	19.64
No	90	80.36
Total	112	100.00

Medical Power Of Attorney:	n	%
Yes	45	40.18
No	67	59.82
Total	112	100.00

Health Care Surrogate:	n	%
Yes	64	57.14
No	48	42.86
Total	112	100.00

Legal Guardian:	n	%
Yes	5	4.46
No	107	95.54
Parent of Minor	0	0.00

capacity the following advanced directives were noted: 112 100.00

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	2	1.79
MPOA or HCS appointed	103	91.96
Legal Guardian appointed	5	4.46
Neither MPOA or HCS appointed	2	1.79
Total	112	100.00

Living will initiated by PCT:	n	%
Yes	13	25.00
No	39	75.00
Total	52	100.00

MPOA initiated by PCT:	n	%
Yes	16	21.62
No	58	78.38
Total	74	100.00

HCS initiated by PCT:	n	%
Yes	23	25.84
No	66	74.16
Total	89	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	0.00
No	5	100.00
Total	5	100.00

POST Form initiated by PCT:	n	%
Yes	0	0.00
No	5	100.00
Total	5	100.00

Living will initiated by PCT:	n	%
Yes	1	4.55
No	21	95.45
Total	22	100.00

MPOA initiated by PCT:	n	%
Yes	6	13.33
No	39	86.67
Total	45	100.00

HCS initiated by PCT:	n	%
Yes	9	14.06
No	55	85.94
Total	64	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	0.00
No	5	100.00
Total	5	100.00

Advance Directives of any kind appointed:	n	%
Yes	110	98.21
No	2	1.79
Total	112	100.00

Of the 56 patients WITH decision making capacity the following advanced directives were noted:

Living Will:	n	%
Yes	21	37.50
No	35	62.50
Total	56	100.00

Medical Power Of Attorney:	n	%
Yes	21	37.50
No	35	62.50
Total	56	100.00

Health Care Surrogate:	n	%
Yes	2	3.57
No	54	96.43
Total	56	100.00

Legal Guardian:	n	%
Yes	0	0.00
No	56	100.00
Parent of Minor	0	0.00
Total	56	100.00

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	0	0.00
MPOA or HCS appointed	23	41.07
Legal Guardian appointed	0	0.00
Neither MPOA or HCS appointed	33	58.93
Total	56	100.00

Living will initiated by PCT:	n	%
Yes	10	47.62
No	11	52.38
Total	21	100.00

MPOA initiated by PCT:	n	%
Yes	10	47.62
No	11	52.38
Total	21	100.00

HCS initiated by PCT:	n	%
Yes	0	0.00
No	2	100.00
Total	2	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

Advance Directives of any kind appointed:	n	%
Yes	24	42.86
No	32	57.14
Total	56	100.00

Of the 39 patients WITH an undetermined decision making capacity the following advanced directives were noted:

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	0	0.00
MPOA or HCS appointed	31	79.49
Legal Guardian appointed	0	0.00
Neither MPOA or HCS appointed	8	20.51
Total	39	100.00

Advance Directives of any kind appointed:	n	%
Yes	31	79.49
No	8	20.51
Total	39	100.00

Of those 56 patients WITH decision making capacity at time of first visit, 41 had pain scale scores for both the initial pain assessment and the 48 hour assessment.

The difference in pain scores between the two assessments.	n	%
Higher	0	0.00
Lower	37	90.24
No Change	4	9.76
Total	41	100.00

The difference in pain scores between the two assessments, with 0's for both initial and 48 hour removed.	n	%
Higher	0	0.00
Lower	37	100.00
No Change	0	0.00
Total	37	100.00

Of those 4 patients with no change in pain score from initial assessment to 48 hours, the following pain scores were reported:

Time1 /Time 2	n	%	Time1 /Time 2	n	%
0/0	4	100.00	6/6	0	0.00
1/1	0	0.00	7/7	0	0.00
2/2	0	0.00	8/8	0	0.00
3/3	0	0.00	9/9	0	0.00
4/4	0	0.00	10/10	0	0.00
5/5	0	0.00	Total	4	100.00

Of the 37 patients that experienced a decrease in pain score from initial assessment to 48 hours, the following changes were noted:

	n	Time 1	Time 2	Difference in Pain Scores		n	Time 1	Time 2	Difference in Pain Scores
	1	5	3	-2		1	10	0	-10
	1	5	4	-1		2	10	1	-9
	2	7	3	-4		2	10	2	-8
	1	7	5	-2		6	10	4	-6
	1	8	0	-8		2	10	5	-5
	2	8	3	-5		1	10	6	-4
	5	8	4	-4		1	10	7	-3
	3	8	5	-3		1	10	8	-2
	1	9	0	-9					
	1	9	4	-5					
	1	9	5	-4					
	2	9	6	-3					

Of those 56 patients WITH decision making capacity at time of first visit, 32 had Dyspnea Assessments for both the initial assessment and the 48 hour assessment.

The difference between the two assessments.			
	n	%	
Higher	0	0.00	
Lower	2	6.25	
No Change	30	93.75	
Total	32	100.00	

The difference in between the two assessments, with 0's for both initial and 48 hour removed.			
	n	%	
Higher	0	0.00	
Lower	2	33.33	
No Change	4	66.67	
Total	6	100.00	

Of those 56 patients WITH decision making capacity at time of first visit, 27 had Dyspnea Assessments for both the initial assessment and the 48 hour assessment.

The difference between the two assessments.			
	n	%	
Higher	0	0.00	
Lower	6	22.22	
No Change	21	77.78	
Total	27	100.00	

The difference in between the two assessments, with 0's for both initial and 48 hour removed.			
	n	%	
Higher	0	0.00	
Lower	6	35.29	
No Change	11	64.71	
Total	17	100.00	

Treatments in use and changes while PCT involved in care:

How to interpret the data: (Information reported reflects only those variables that were marked, no assumptions can be made.)
 The patient(s) can be using or not using a treatment at the time palliative care gets involved. If the treatment is marked "in use" it can be stopped. If the treatment is marked "not in use" it can be avoided.

Example: Intravenous fluids: 197 patients (95.17%) were receiving intravenous fluids, 10 (4.83%) were not using the intravenous fluids.
 Of the 197 patients using IV fluids, 87(44.16%) discontinued use. Of the 10 patients not receiving IV fluids, 4 (40.00%) treatments were avoided.

Intravenous fluids	n	%
In use	197	95.17
Not in use	10	4.83
In use and stopped	87	44.16
Not in use and avoided	4	40.00

Intravenous antibiotics	n	%
In use	147	71.01
Not in use	60	28.99
In use and stopped	66	44.90
Not in use and avoided	2	3.33

Intravenous Vasopressors	n	%
In use	31	14.98
Not in use	176	85.02
In use and stopped	25	80.65
Not in use and avoided	0	0.00

TPN/PPN	n	%
In use	7	3.38
Not in use	200	96.62
In use and stopped	3	42.86
Not in use and avoided	0	0.00

Gastric feedings	n	%
In use	48	23.19
Not in use	159	76.81
In use and stopped	28	58.33
Not in use and avoided	6	3.77

Dialysis	n	%
In use	16	7.73
Not in use	191	92.27
In use and stopped	5	31.25
Not in use and avoided	0	0.00

Diagnostic labs	n	%
In use	198	95.65
Not in use	9	4.35
In use and stopped	88	44.44
Not in use and avoided	3	33.33

Diagnostic x-rays	n	%
In use	196	94.69
Not in use	11	5.31
In use and stopped	91	46.43
Not in use and avoided	4	36.36

Other Treatments	n	%
Albumin Infusions	0	0.00
CPR	0	0.00
Chest Tube	4	20.00
Feedings	0	0.00
G-Tube for drainage	2	10.00
IV Morphine PRN started	0	0.00
Intraaortic balloon pump	0	0.00
JP drain X3	1	5.00
K-runs	0	0.00
MRI under anesthesia	0	0.00
NG Tube	2	10.00
PICC	1	5.00
Telemetry	0	0.00
Trach	0	0.00
Biopsy	2	10.00

Mechanical ventilation	n	%
In use	36	17.39
Not in use	171	82.61
In use and stopped	28	77.78
Not in use and avoided	6	3.51

BIPAP or CPAP	n	%
In use	14	6.76
Not in use	193	93.24
In use and stopped	11	78.57
Not in use and avoided	3	1.55

Transfusions	n	%
In use	22	10.63
Not in use	185	89.37
In use and stopped	5	22.73
Not in use and avoided	0	0.00

Chemotherapy	n	%
In use	59	28.50
Not in use	148	71.50
In use and stopped	27	45.76
Not in use and avoided	9	6.08

Radiation Therapy	n	%
In use	0	0.00
Not in use	207	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

Surgery	n	%
In use	32	15.46
Not in use	175	84.54
In use and stopped	1	3.13
Not in use and avoided	4	2.29

ICU Admission to the floor	n	%
In use	0	0.00
Not in use	207	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

Other	n	%
In use	20	9.66
Not in use	187	90.34
In use and stopped	3	15.00
Not in use and avoided	0	0.00

	n	%
Trach & Peg	0	0.00
Bronchoscopy	2	10.00
Card. Gtt	0	0.00
Continued EEG monitoring	0	0.00
Epidural Catheter	0	0.00
Epidural Pump	1	5.00
Moved from ICU	1	5.00
Paracentesis	2	10.00
Pericardial drain	1	5.00
Pressors	0	0.00
Pulse Ox	0	0.00
Wound Vac	1	5.00
Total	20	100.00

Discharge Summary:

Even after discharge the palliative care teams continue to track and follow-up with their patients.

A total of 43 (20.77%) patients died while being followed by the palliative care teams during 2009.

Disposition:	n	%
<i>Data reported for the following is strictly based on what happened to the patient on their exact discharge date.</i>		
Death	43	20.77
SNU (Hospital)	1	0.48
PCU	0	0.00
NH/SNF	9	4.35
Home	21	10.14
Hospice	48	23.19
Home Health	10	4.83
Hospital (Transfer)	2	0.97
Hospice inpatient	27	13.04
NH/SNF with Hospice	4	1.93
Personal care home	0	0.00
Acute Rehabilitation	1	0.48
Hospice House	32	15.46
LTAC	0	0.00
Team services no longer needed	0	0.00
Other	9	4.35
Total	207	100.00

Place of Death:	n	%
<i>Data reported for the following is based on the patient dying on the date of discharge.</i>		
Hospital (ICU)	6	13.95
Hospital (Acute)	37	86.05
Personal Care Home	0	0.00
Home	0	0.00
SNU (Hospital)	0	0.00
NH/SNF	0	0.00
Hospice Inpatient	0	0.00
Hospice House	0	0.00
PCU	0	0.00
Home Health	0	0.00
Hospice	0	0.00
NH/SNF with Hospice	0	0.00
Acute Rehabilitation	0	0.00
Other	0	0.00
Total	43	100.00

Of those 43 patients who died the following were designated:

Primary Diagnosis	n	%
Cancer	25	58.14
Cardiac	1	2.33
AIDS	0	0.00
Renal	1	2.33
Pulmonary	4	9.30
Liver	2	4.65
Neurological	2	4.65
Noncardiac Vascular	0	0.00
Dementia	2	4.65
General Disability	3	6.98
Sepsis	1	2.33
Mult-organ failure	2	4.65
Total	43	100.00

Interventions by PCT: (More than one option can be checked. Percentages are out of the total number of patients (207).

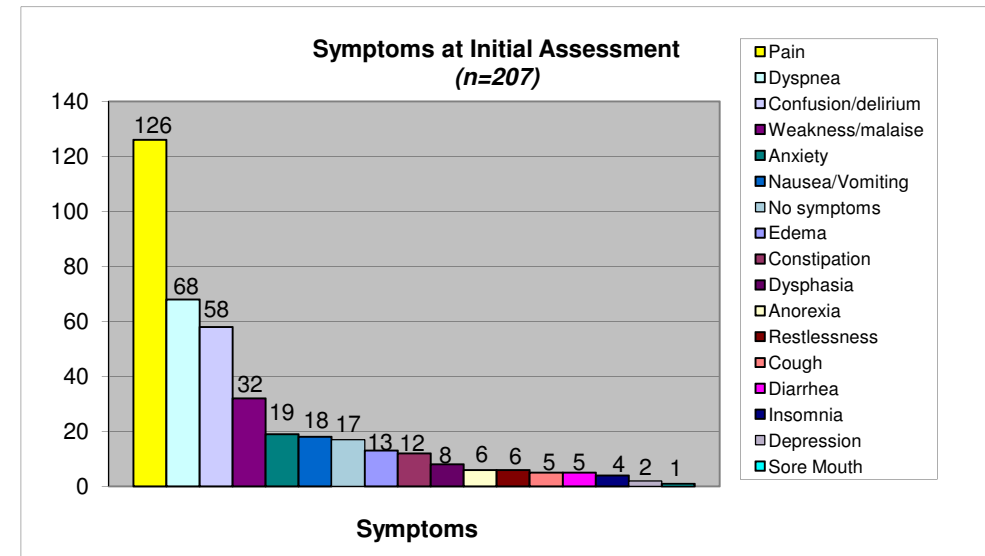
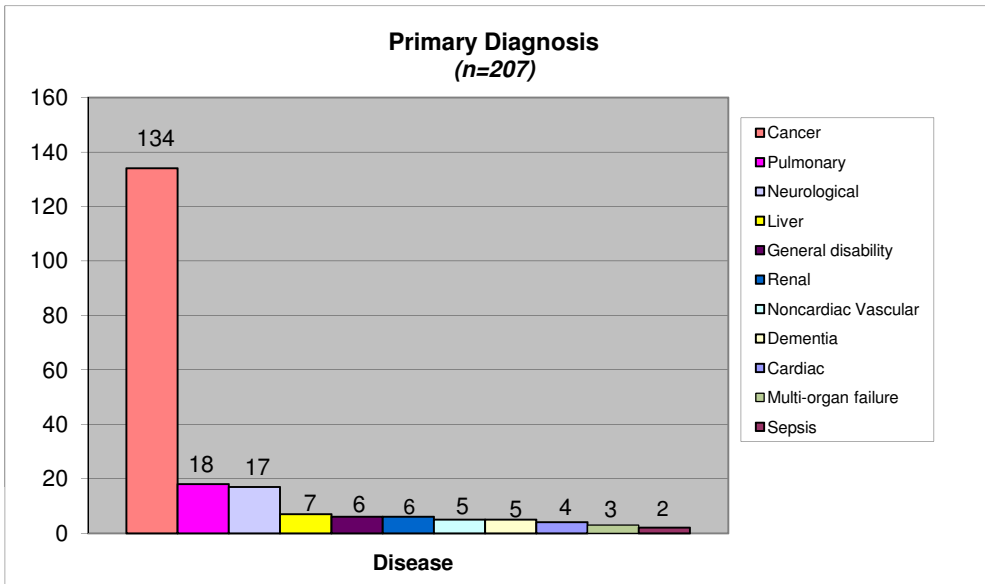
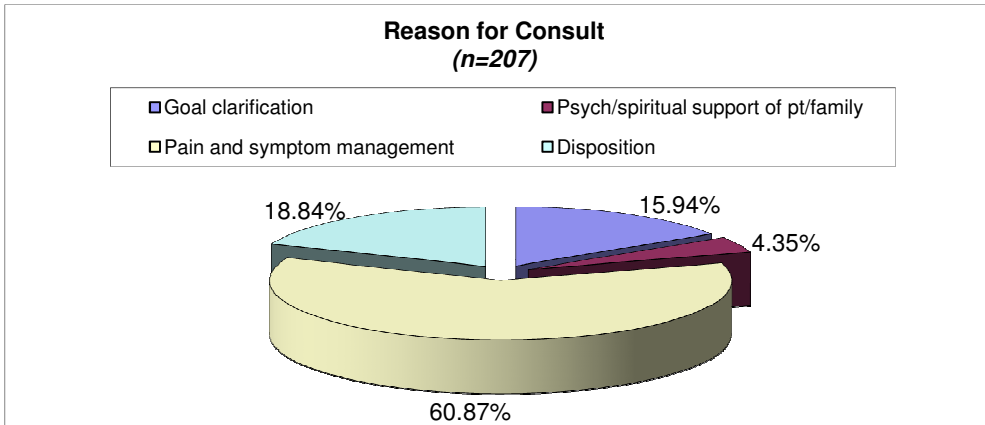
	n	%
Education about the process of their disease, prognosis and options for care.	169	81.64
Conduct a patient and family care conference with appropriate members of the interdisciplinary team.	171	82.61
Education about the benefits and burdens of specific treatments or potential interventions.	125	60.39
Provide information about spiritual care services or counseling services available.	188	90.82
Provide individual education and support to families and unlicensed caregivers to assure safe and appropriate care after discharge.	14	6.76
Provide pain and symptom management recommendations.	181	87.44
Education about the signs and symptoms of imminent death or dying process in a timely, culturally appropriate manner.	44	21.26
Hospice option for care was presented at this admission.	132	63.77
Total	1024	

Outcomes or decisions followed by family: (More than one option can be checked. Percentages are out of the total number of patients (207).

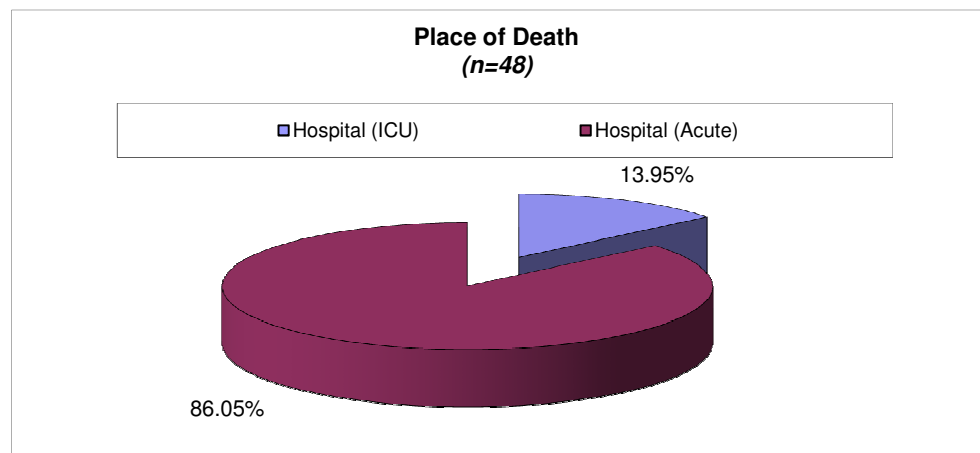
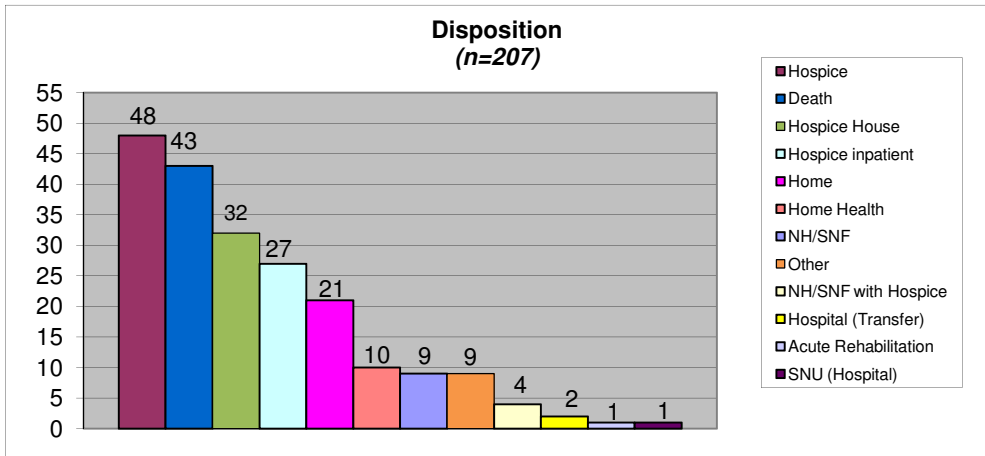
	n	%
Patient and family participated in family care conference	189	91.30
Pastoral Care referral	196	94.69
Involvement of own clergy for spiritual support	10	4.83
Total	395	

PCT Data Collection - Tool

Total number of Palliative Care consults completed during 2009: 207



PCT Data Collection Tool - Outcomes



PCT Data Collection - Tool

Total number of patients discharged during January through December 2009:
The data throughout this report that are noted as missing data were checked.

462

Gender:	n	%
Male	241	52.16
Female	221	47.84
Total	462	100.00

Marital Status: (Missing: n=7)	n	%
Single	98	21.54
Married	191	41.98
Divorced	59	12.97
Separated	1	0.22
Widowed	106	23.30
Total	455	100.00

County of Residence:

In State:	n	%	n	%	
Barbour	19	4.79	Mineral	6	1.51
Berkeley	6	1.51	Mingo	0	0.00
Boone	0	0.00	Monongalia	79	19.90
Braxton	10	2.52	Monroe	0	0.00
Brooke	0	0.00	Morgan	0	0.00
Cabell	0	0.00	Nicholas	12	3.02
Calhoun	2	0.50	Ohio	1	0.25
Clay	1	0.25	Pendleton	1	0.25
Doddridge	0	0.00	Pleasants	0	0.00
Fayette	23	5.79	Pocahontas	3	0.76
Gilmer	2	0.50	Preston	22	5.54
Grant	1	0.25	Putnam	0	0.00
Greenbrier	0	0.00	Raleigh	5	1.26
Hampshire	1	0.25	Randolph	21	5.29
Hancock	2	0.50	Ritchie	3	0.76
Hardy	2	0.50	Roane	0	0.00
Harrison	36	9.07	Summers	1	0.25
Jackson	0	0.00	Taylor	10	2.52
Jefferson	4	1.01	Tucker	7	1.76
Kanawha	5	1.26	Tyler	4	1.01
Lewis	9	2.27	Upshur	16	4.03
Lincoln	0	0.00	Wayne	0	0.00
Logan	1	0.25	Webster	4	1.01
Marion	51	12.85	Wetzel	12	3.02
Marshall	5	1.26	Wirt	0	0.00
Mason	1	0.25	Wood	3	0.76
McDowell	0	0.00	Wyoming	2	0.50
Mercer	4	1.01	Total	397	100.00

Out of State:

n	%	n	%		
Alleghany, MD	1	1.54	Hickory, PA	0	0.00
Allegheny, PA	6	9.23	Johnson, KY	0	0.00
Athens, OH	1	1.54	Lawrence, KY	0	0.00
Bath, KY	0	0.00	Lawrence, OH	1	1.54
Belmont, OH	2	3.08	Lewis, KY	0	0.00
Boyd, KY	0	0.00	Magoffin, KY	0	0.00
Brunswick, NC	0	0.00	Martin, KY	0	0.00
Carter, KY	0	0.00	Meigs, OH	0	0.00
Fayette, PA	16	24.62	Menifee, KY	0	0.00
Floyd, KY	0	0.00	Monroe, OH	1	1.54
Fulton, OH	1	1.54	Morgan, KY	0	0.00
Gallia, OH	0	0.00	Pike, KY	0	0.00
Garrett, MD	8	12.31	Rowan, KY	0	0.00
Greene, PA	26	40.00	Scioto, OH	0	0.00
Greenup, KY	0	0.00	Somerset, OH	1	1.54
Hardin, KY	0	0.00	Washington, PA	1	1.54
Hickory, PA	0	0.00	Total	65	100.00

Ethnicity:

n	%	n	%		
Black or African American	8	1.73	American Indian/Alaskan Native	0	0.00
White or Caucasian	452	97.84	Hispanic or Spanish	1	0.22
Asian or Pacific Islander	0	0.00	Other	1	0.22
			Total	462	100.00

Reason for Consult:

n	%	
Goal clarification	387	83.77
Psych/spiritual support of pt/family	1	0.22
Pain and symptom management	74	16.02
Disposition	0	0.00
Total	462	100.00

Only one answer could be marked.

Patient was admitted to:	n	%
Hospital	462	100.00
Nursing Home/SNF	0	0.00
Other	0	0.00
Total	462	100.00

Primary Diagnosis:	n	%
Cancer	142	30.74
Cardiac	33	7.14
AIDS	1	0.22
Renal	10	2.16
Pulmonary	76	16.45
Liver	13	2.81
Neurological	88	19.05
Noncardiac Vascular	2	0.43
Dementia	8	1.73
General disability	35	7.58
Sepsis	21	4.55
Multi-organ failure	33	7.14
Total	462	100.00

PPS at first contact: (n=462)	%
Average	24
Maximum	70
Minimum	10

Symptoms at initial assessment: Those who reported "yes" they had these symptoms. Percentages are <u>out of the total number of patients (462)</u> .					
	n	%		n	%
Pain	193	41.77	Nausea/Vomiting	35	7.58
Anorexia	41	8.87	Insomnia	13	2.81
Dysphasia	40	8.66	Weakness/malaise	130	28.14
Sore Mouth	2	0.43	Edema	72	15.58
Dyspnea	96	20.78	Restlessness	16	3.46
Cough	13	2.81	Confusion/delirium	62	13.42
Constipation	32	6.93	Anxiety	32	6.93
Diarrhea	21	4.55	Depression	36	7.79
			No symptoms	129	27.92
			Total	834	

Would you be surprised if the patient died in the next year?		
	n	%
Yes	24	5.19
No	438	94.81
Total	462	100.00

Do Not Resuscitate:	n	%
Yes	299	64.72
No	163	35.28
Total	462	100.00

DNR Card:	n	%
Yes	16	3.46
No	446	96.54
Total	462	100.00

Did patient have multiple chronic illnesses:		
	n	%
Yes	418	90.48
No	44	9.52
Total	462	100.00

Of the 418 that had multiple illnesses, note the following:		
	n	%
<=2	26	6.22
>2	392	93.78
Total	418	100.00

PPS Range	n	%
< = 50	431	93.29
> = 51	31	6.71
Total	462	100.00

DNR initiated by PCT:	n	%
Yes	171	57.19
No	128	42.81
Total	299	100.00

DNR Card initiated by PCT:	n	%
Yes	5	31.25
No	11	68.75
Total	16	100.00

Advanced Directives

Living Will:	n	%
Yes	130	28.14
No	332	71.86
Total	462	100.00

Medical Power Of Attorney:	n	%
Yes	249	53.90
No	213	46.10
Total	462	100.00

Health Care Surrogate:	n	%
Yes	136	29.44
No	326	70.56
Total	462	100.00

Legal Guardian:	n	%
Yes	5	1.08
No	450	97.40
Parent of Minor	7	1.52
Total	462	100.00

POST Form completed:	n	%
Yes	80	17.32
No	382	82.68
Total	462	100.00

Did patient have decision making capacity at time of first visit?	n	%
Yes	164	35.50
No	295	63.85
Unable to determine	3	0.65
Total	462	100.00

Of the 253 patients WITHOUT decision making capacity the following advanced directives were noted:

Living Will:	n	%
Yes	80	27.12
No	215	72.88
Total	295	100.00

Medical Power Of Attorney:	n	%
Yes	140	47.46
No	155	52.54
Total	295	100.00

Health Care Surrogate:	n	%
Yes	123	41.69
No	172	58.31
Total	295	100.00

Legal Guardian:	n	%
Yes	5	1.69
No	283	95.93
Parent of Minor	7	2.37
Total	295	100.00

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	3	1.02
MPOA or HCS appointed	256	86.78
Legal Guardian appointed	5	1.69
Neither MPOA or HCS appointed	31	10.51
Total	295	100.00

Living will initiated by PCT:	n	%
Yes	8	6.15
No	122	93.85
Total	130	100.00

MPOA initiated by PCT:	n	%
Yes	22	8.84
No	227	91.16
Total	249	100.00

HCS initiated by PCT:	n	%
Yes	25	18.38
No	111	81.62
Total	136	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	0.00
No	5	100.00
Total	5	100.00

POST Form initiated by PCT:	n	%
Yes	61	76.25
No	19	23.75
Total	80	100.00

Living will initiated by PCT:	n	%
Yes	2	2.50
No	78	97.50
Total	80	100.00

MPOA initiated by PCT:	n	%
Yes	2	1.43
No	138	98.57
Total	140	100.00

HCS initiated by PCT:	n	%
Yes	25	20.33
No	98	79.67
Total	123	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	0.00
No	5	100.00
Total	5	100.00

Advance Directives of any kind appointed:	n	%
Yes	266	90.17
No	29	9.83
Total	295	100.00

Of the 164 patients WITH decision making capacity the following advanced directives were noted:

Living Will:	n	%
Yes	48	29.27
No	116	70.73
Total	164	100.00

Medical Power Of Attorney:	n	%
Yes	107	65.24
No	57	34.76
Total	164	100.00

Health Care Surrogate:	n	%
Yes	12	7.32
No	152	92.68
Total	164	100.00

Legal Guardian:	n	%
Yes	0	0.00
No	164	100.00
Parent of Minor	0	0.00
Total	164	100.00

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	1	0.61
MPOA or HCS appointed	117	71.34
Legal Guardian appointed	0	0.00
Neither MPOA or HCS appointed	46	28.05
Total	164	100.00

Of the 3 patients WITH an undetermined decision making capacity the following advanced directives were noted:

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	0	0.00
MPOA or HCS appointed	3	100.00
Legal Guardian appointed	0	0.00
Neither MPOA or HCS appointed	0	0.00
Total	3	100.00

Of those 164 patients WITH decision making capacity at time of first visit, 125 had pain scale scores for both the initial pain assessment and the 48 hour assessment.

The difference in pain scores between the two assessments.	n	%
Higher	2	1.60
Lower	55	44.00
No Change	68	54.40
Total	125	100.00

Of those 68 patients with no change in pain score from initial assessment to 48 hours, the following pain scores were reported:

Time1 /Time 2	n	%	Time1 /Time 2	n	%
0/0	61	89.71	6/6	2	2.94
1/1	0	0.00	7/7	0	0.00
2/2	0	0.00	8/8	3	4.41
3/3	0	0.00	9/9	0	0.00
4/4	1	1.47	10/10	1	1.47
5/5	0	0.00	Total	68	100.00

Living will initiated by PCT:	n	%
Yes	6	12.50
No	42	87.50
Total	48	100.00

MPOA initiated by PCT:	n	%
Yes	20	18.69
No	87	81.31
Total	107	100.00

HCS initiated by PCT:	n	%
Yes	0	0.00
No	12	100.00
Total	12	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

Advance Directives of any kind appointed:	n	%
Yes	119	72.56
No	45	27.44
Total	164	100.00

Advance Directives of any kind appointed:	n	%
Yes	3	100.00
No	0	0.00
Total	3	100.00

The difference in pain scores between the two assessments, with 0's for both initial and 48 hour removed.	n	%
Higher	2	3.13
Lower	55	85.94
No Change	7	10.94
Total	64	100.00

Of the 55 patients that experienced a decrease in pain score from initial assessment to 48 hours, the following changes were noted:

	n	Time 1	Time 2	Difference in Pain Scores		n	Time 1	Time 2	Difference in Pain Scores
	1	3	0	-3		1	9	6	-3
	2	4	3	-1		2	9	8	-1
	2	5	2	-3		1	10	0	-10
	3	5	3	-2		1	10	2	-8
	1	6	2	-4		2	10	3	-7
	1	6	3	-3		2	10	4	-6
	1	6	4	-2		1	10	5	-5
	2	6	5	-1		2	10	8	-2
	1	7	0	-7		2	10	9	-1
	1	7	2	-5					
	1	7	3	-4					
	1	7	5	-2					
	1	7	6	-1					
	1	8	0	-8					
	2	8	2	-6					
	5	8	3	-5					
	3	8	4	-4					
	5	8	5	-3					
	3	8	6	-2					
	1	8	7	-1					
	2	9	0	-9					
	1	9	4	-5					

Of those 164 patients WITH decision making capacity at time of first visit, 123 had Dyspnea Assessments for both the initial assessment and the 48 hour assessment.

The difference between the two assessments.			
	n	%	
Higher	1	0.81	
Lower	9	7.32	
No Change	113	91.87	
Total	123	100.00	

The difference in between the two assessments, with 0's for both initial and 48 hour removed.			
	n	%	
Higher	1	5.56	
Lower	9	50.00	
No Change	8	44.44	
Total	18	100.00	

Of those 164 patients WITH decision making capacity at time of first visit, 119 had Weakness/Fatigue Assessments for both the initial assessment and the 48 hour assessment.

The difference between the two assessments.			
	n	%	
Higher	0	0.00	
Lower	11	9.24	
No Change	108	90.76	
Total	119	100.00	

The difference in between the two assessments, with 0's for both initial and 48 hour removed.			
	n	%	
Higher	0	0.00	
Lower	11	27.50	
No Change	29	72.50	
Total	40	100.00	

Treatments in use and changes while PCT involved in care:

How to interpret the data: (Information reported reflects only those variables that were marked, no assumptions can be made.)
The patient(s) can be using or not using a treatment at the time palliative care gets involved. If the treatment is marked "in use" it can be stopped. If the treatment is marked "not in use" it can be avoided.

Example: Intravenous fluids: 345 patients (74.68%) were receiving intravenous fluids, 117 (25.32%) were not using the intravenous fluids.
Of the 345 patients using IV fluids, 139 (40.29%) discontinued use. Of the 91 patients not receiving IV fluids, 1 (1.10%) treatment was avoided.

Intravenous fluids	n	%
In use	345	74.68
Not in use	117	25.32
In use and stopped	139	40.29
Not in use and avoided	0	0.00

Intravenous antibiotics	n	%
In use	291	62.99
Not in use	171	37.01
In use and stopped	132	45.36
Not in use and avoided	2	1.17

Intravenous Vasopressors	n	%
In use	51	11.04
Not in use	411	88.96
In use and stopped	33	64.71
Not in use and avoided	34	8.27

TPN/PPN	n	%
In use	19	4.11
Not in use	443	95.89
In use and stopped	13	68.42
Not in use and avoided	11	2.48

Gastric feedings	n	%
In use	125	27.06
Not in use	337	72.94
In use and stopped	63	50.40
Not in use and avoided	13	3.86

Dialysis	n	%
In use	46	9.96
Not in use	416	90.04
In use and stopped	21	45.65
Not in use and avoided	13	3.13

Diagnostic labs	n	%
In use	436	94.37
Not in use	26	5.63
In use and stopped	177	40.60
Not in use and avoided	0	0.00

Diagnostic x-rays	n	%
In use	435	94.16
Not in use	27	5.84
In use and stopped	176	40.46
Not in use and avoided	0	0.00

Other Treatments	n	%
Albumin Infusions	1	10.00
CPR	1	10.00
Chest Tube	0	0.00
Feedings	0	0.00
G-Tube for drainage	0	0.00
IV Morphine PRN started	0	0.00
Intraaortic balloon pump	0	0.00
JP drain X3	0	0.00
K-runs	0	0.00
MRI under anesthesia	1	10.00
NG Tube	0	0.00
PICC	0	0.00
Telemetry	0	0.00
Trach	2	20.00
Biopsy	0	0.00

Mechanical ventilation	n	%
In use	139	30.09
Not in use	323	69.91
In use and stopped	84	60.43
Not in use and avoided	50	15.48

BIPAP or CPAP	n	%
In use	44	9.52
Not in use	418	90.48
In use and stopped	20	45.45
Not in use and avoided	26	6.22

Transfusions	n	%
In use	63	13.64
Not in use	399	86.36
In use and stopped	26	41.27
Not in use and avoided	4	1.00

Chemotherapy	n	%
In use	17	3.68
Not in use	445	96.32
In use and stopped	6	35.29
Not in use and avoided	9	2.02

Radiation Therapy	n	%
In use	0	0.00
Not in use	462	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

Surgery	n	%
In use	13	2.81
Not in use	449	97.19
In use and stopped	4	30.77
Not in use and avoided	12	2.67

ICU Admission to the floor	n	%
In use	0	0.00
Not in use	462	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

Other	n	%
In use	10	2.16
Not in use	452	97.84
In use and stopped	2	20.00
Not in use and avoided	0	0.00

Other	n	%
Trach & Peg	1	10.00
Bronchoscopy	0	0.00
Card. Gtt	1	10.00
Continued EEG monitoring	1	10.00
Epidural Catheter	1	10.00
Epidural Pump	0	0.00
Moved from ICU	0	0.00
Paracentesis	0	0.00
Pericardial drain	0	0.00
Pressors	1	10.00
Pulse Ox	0	0.00
Wound Vac	0	0.00

Total	n	%
Total	10	100.00

Discharge Summary:

A total of 181 (39.18%) patients died while being followed by the palliative care teams during 2009.

Disposition:	n	%
<i>Data reported for the following is strictly based on what happened to the patient on their exact discharge date.</i>		
Death	181	39.18
SNU (Hospital)	6	1.30
PCU	0	0.00
NH/SNF	24	5.19
Home	40	8.66
Hospice	82	17.75
Home Health	17	3.68
Hospital (Transfer)	3	0.65
Hospice inpatient	1	0.22
NH/SNF with Hospice	20	4.33
Personal care home	0	0.00
Acute Rehabilitation	0	0.00
Hospice House	5	1.08
LTAC	8	1.73
Team services no longer needed	72	15.58
Other	3	0.65
Total	462	100.00

Place of Death:	n	%
<i>Data reported for the following is based on the patient dying on the date of discharge.</i>		
Hospital (ICU)	75	41.44
Hospital (Acute)	75	41.44
Personal Care Home	0	0.00
Home	0	0.00
SNU (Hospital)	19	10.50
NH/SNF	0	0.00
Hospice Inpatient	0	0.00
Hospice House	0	0.00
PCU	0	0.00
Home Health	0	0.00
Hospice	0	0.00
NH/SNF with Hospice	0	0.00
Acute Rehabilitation	0	0.00
Other	12	6.63
Total	181	100.00

Of those 181 patients who died the following were designated:

Primary Diagnosis:	n	%
Cancer	40	22.10
Cardiac	9	4.97
AIDS	0	0.00
Renal	4	2.21
Pulmonary	35	19.34
Liver	3	1.66
Neurological	46	25.41
Noncardiac Vascular	0	0.00
Dementia	2	1.10
General Disability	6	3.31
Sepsis	11	6.08
Mult-organ failure	25	13.81
Total	181	100.00

Interventions by PCT: (More than one option can be checked. Percentages are out of the total number of patients (462).)

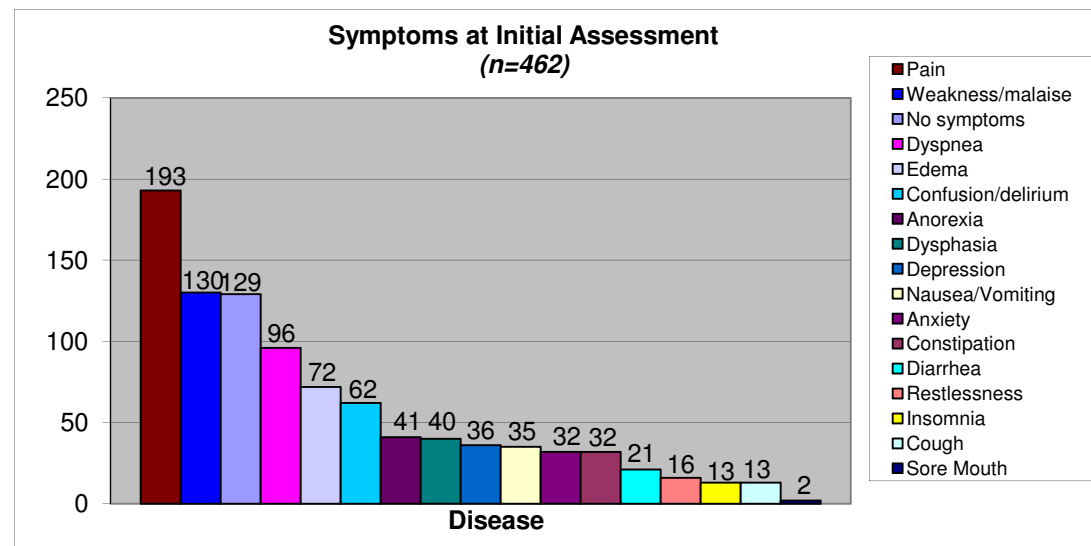
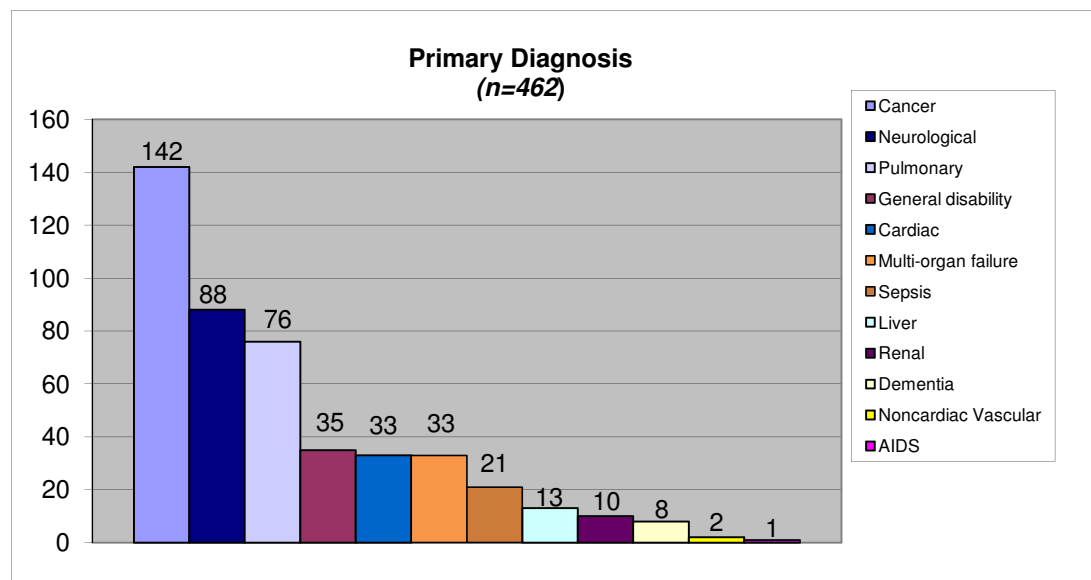
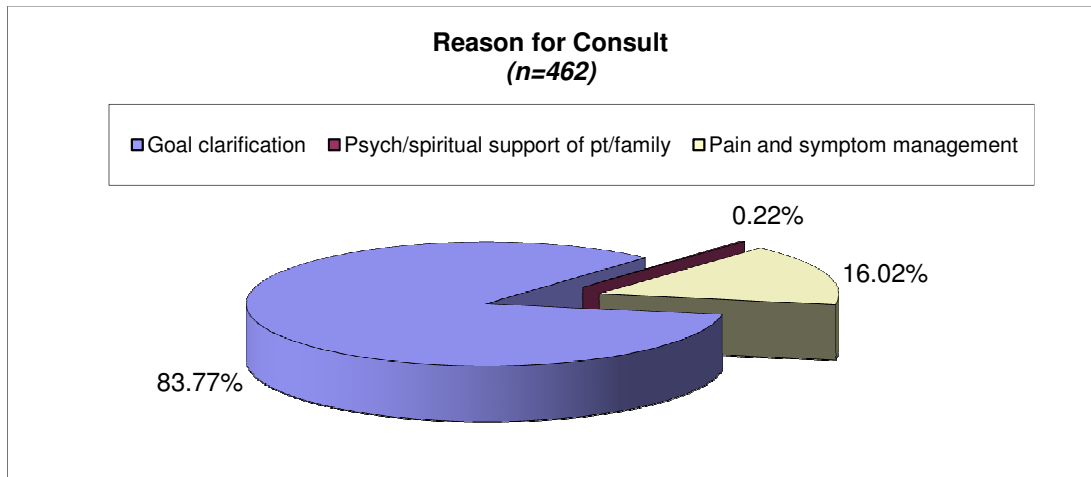
	n	%
Education about the process of their disease, prognosis and options for care.	419	90.69
Conduct a patient and family care conference with appropriate members of the interdisciplinary team.	278	60.17
Education about the benefits and burdens of specific treatments or potential interventions.	402	87.01
Provide information about spiritual care services or counseling services available.	113	24.46
Provide individual education and support to families and unlicensed caregivers to assure safe and appropriate care after discharge.	46	9.96
Provide pain and symptom management recommendations.	283	61.26
Education about the signs and symptoms of imminent death or dying process in a timely, culturally appropriate manner.	53	11.47
Hospice option for care was presented at this admission.	174	37.66
Total	1768	

Outcomes or decisions followed by family: (More than one option can be checked. Percentages are out of the total number of patients (462).)

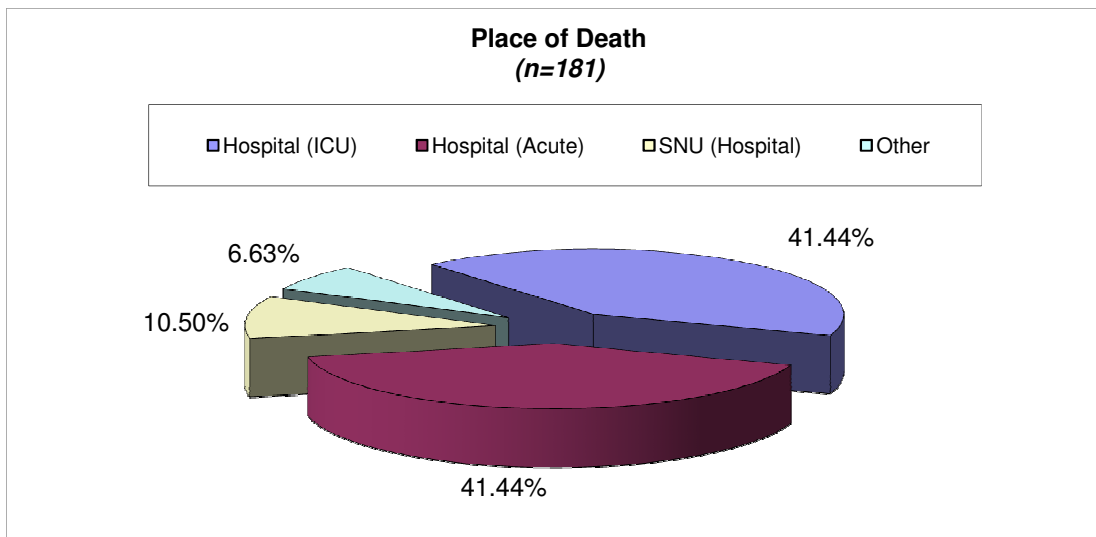
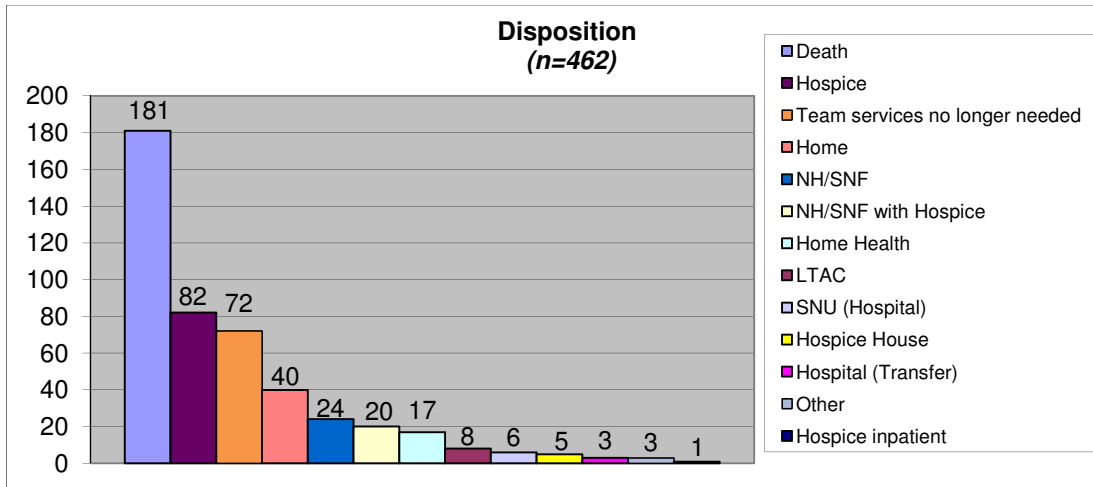
	n	%
Patient and family participated in family care conference	410	88.74
Pastoral Care referral	156	33.77
Involvement of own clergy for spiritual support	16	3.46
Total	582	

PCT Data Collection - Tool

Total number of Palliative Care consults completed during 2009: 462



PCT Data Collection Tool - Outcomes



PCT Data Collection - Tool

Total number of patients discharged during January through December 2009:
The data throughout this report that are noted as missing data were checked.

293

Gender:	n	%
Male	125	42.66
Female	168	57.34
Total	293	100.00

Marital Status:	n	%
Single	36	12.29
Married	133	45.39
Divorced	30	10.24
Separated	0	0.00
Widowed	94	32.08
Total	293	100.00

County of Residence:

In State:	n	%	n	%	
Barbour	0	0.00	Mineral	0	0.00
Berkeley	0	0.00	Mingo	6	2.79
Boone	1	0.47	Monongalia	0	0.00
Braxton	0	0.00	Monroe	0	0.00
Brooke	0	0.00	Morgan	0	0.00
Cabell	113	52.56	Nicholas	0	0.00
Calhoun	0	0.00	Ohio	0	0.00
Clay	0	0.00	Pendleton	0	0.00
Doddridge	0	0.00	Pleasants	0	0.00
Fayette	0	0.00	Pocahontas	0	0.00
Gilmer	0	0.00	Preston	0	0.00
Grant	0	0.00	Putnam	9	4.19
Greenbrier	0	0.00	Raleigh	1	0.47
Hampshire	0	0.00	Randolph	0	0.00
Hancock	0	0.00	Ritchie	0	0.00
Hardy	0	0.00	Roane	0	0.00
Harrison	0	0.00	Summers	0	0.00
Jackson	3	1.40	Taylor	0	0.00
Jefferson	0	0.00	Tucker	0	0.00
Kanawha	3	1.40	Tyler	0	0.00
Lewis	0	0.00	Upshur	0	0.00
Lincoln	16	7.44	Wayne	30	13.95
Logan	12	5.58	Webster	0	0.00
Marion	0	0.00	Wetzel	1	0.47
Marshall	0	0.00	Wirt	0	0.00
Mason	17	7.91	Wood	1	0.47
McDowell	1	0.47	Wyoming	1	0.47
Mercer	0	0.00	Total	215	100.00

Out of State:

n	%	n	%		
Alleghany, MD	0	0.00	Hickory, PA	0	0.00
Allegheny, PA	0	0.00	Johnson, KY	1	1.28
Athens, OH	0	0.00	Lawrence, KY	0	0.00
Bath, KY	0	0.00	Lawrence, OH	45	57.69
Belmont, OH	0	0.00	Lewis, KY	1	1.28
Boyd, KY	7	8.97	Magoffin, KY	0	0.00
Brunswick, NC	0	0.00	Martin, KY	3	3.85
Carter, KY	1	1.28	Meigs, OH	4	5.13
Fayette, PA	0	0.00	Menifee, KY	1	1.28
Floyd, KY	1	1.28	Monroe, OH	0	0.00
Fulton, OH	0	0.00	Morgan, KY	1	1.28
Gallia, OH	1	1.28	Pike, KY	2	2.56
Garrett, MD	0	0.00	Rowan, KY	1	1.28
Greene, PA	0	0.00	Scioto, OH	2	2.56
Greenup, KY	7	8.97	Somerset, OH	0	0.00
Hardin, KY	0	0.00	Washington, PA	0	0.00
Hickory, PA	0	0.00	Total	78	100.00

Ethnicity:

n	%	n	%		
Black or African American	4	1.37	American Indian/Alaskan Native	0	0.00
White or Caucasian	287	97.95	Hispanic or Spanish	0	0.00
Asian or Pacific Islander	1	0.34	Other	1	0.34
Total	293	100.00	Total	293	100.00

Reason for Consult:

n	%	
Goal clarification	190	64.85
Psych/spiritual support of pt/family	97	33.11
Pain and symptom management	3	1.02
Disposition	3	1.02
Total	293	100.00

Only one answer could be marked.

Patient was admitted to:	n	%
Hospital	293	100.00
Nursing Home/SNF	0	0.00
Other	0	0.00
Total	293	100.00

Primary Diagnosis:	n	%
Cancer	78	26.62
Cardiac	19	6.48
AIDS	0	0.00
Renal	3	1.02
Pulmonary	30	10.24
Liver	7	2.39
Neurological	76	25.94
Noncardiac Vascular	7	2.39
Dementia	5	1.71
General disability	22	7.51
Sepsis	14	4.78
Multi-organ failure	32	10.92
Total	293	100.00

PPS at first contact: (n=293)	%
Average	20
Maximum	80
Minimum	0

Symptoms at initial assessment: Those who reported "yes" they had these symptoms. Percentages are out of the total number of patients (293).					
	n	%		n	%
Pain	73	24.91	Nausea/Vomiting	27	9.22
Anorexia	50	17.06	Insomnia	2	0.68
Dysphasia	54	18.43	Weakness/malaise	236	80.55
Sore Mouth	0	0.00	Edema	93	31.74
Dyspnea	98	33.45	Restlessness	49	16.72
Cough	82	27.99	Confusion/delirium	109	37.20
Constipation	16	5.46	Anxiety	24	8.19
Diarrhea	22	7.51	Depression	2	0.68
			No symptoms	20	6.83
			Total	937	

Would you be surprised if the patient died in the next year?	n	%
Yes	10	3.41
No	283	96.59
Total	293	100.00

Do Not Resuscitate:	n	%
Yes	258	88.05
No	35	11.95
Total	293	100.00

DNR Card:	n	%
Yes	4	1.37
No	289	98.63
Total	293	100.00

Did patient have multiple chronic illnesses:	n	%
Yes	274	93.52
No	19	6.48
Total	293	100.00

Of the 274 that had multiple illnesses, note the following:		n	%
	<=2	31	11.31
	>2	243	88.69
	Total	274	100.00

PPS Range	n	%
< = 50	287	97.95
> = 51	6	2.05
Total	293	100.00

DNR initiated by PCT:	n	%
Yes	40	15.50
No	218	84.50
Total	258	100.00

DNR Card initiated by PCT:	n	%
Yes	3	75.00
No	1	25.00
Total	4	100.00

Advanced Directives

Living Will:	n	%
Yes	95	32.42
No	198	67.58
Total	293	100.00

Medical Power Of Attorney:	n	%
Yes	144	49.15
No	149	50.85
Total	293	100.00

Health Care Surrogate:	n	%
Yes	128	43.69
No	165	56.31
Total	293	100.00

Legal Guardian:	n	%
Yes	5	1.71
No	288	98.29
Parent of Minor	0	0.00
Total	293	100.00

POST Form completed:	n	%
Yes	2	0.68
No	291	99.32
Total	293	100.00

Did patient have decision making capacity at time of first visit?	n	%
Yes	24	8.19
No	237	80.89
Unable to determine	32	10.92
Total	293	100.00

Of the 237 patients WITHOUT decision making capacity the following advanced directives were noted:

Of the 253 patients WITHOUT decision making capacity the following advanced directives were noted:

Living Will:	n	%
Yes	71	29.96
No	166	70.04
Total	237	100.00

Medical Power Of Attorney:	n	%
Yes	112	47.26
No	125	52.74
Total	237	100.00

Health Care Surrogate:	n	%
Yes	117	49.37
No	120	50.63
Total	237	100.00

Legal Guardian:	n	%
Yes	5	2.11
No	232	97.89
Parent of Minor	0	0.00
Total	237	100.00

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	1	0.42
MPOA or HCS appointed	227	95.78
Legal Guardian appointed	5	2.11
Neither MPOA or HCS appointed	4	1.69
Total	237	100.00

Living will initiated by PCT:	n	%
Yes	4	4.21
No	91	95.79
Total	95	100.00

MPOA initiated by PCT:	n	%
Yes	5	3.47
No	139	96.53
Total	144	100.00

HCS initiated by PCT:	n	%
Yes	12	9.38
No	116	90.63
Total	128	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	0.00
No	5	100.00
Total	5	100.00

POST Form initiated by PCT:	n	%
Yes	1	50.00
No	1	50.00
Total	2	100.00

Living will initiated by PCT:	n	%
Yes	0	0.00
No	71	100.00
Total	71	100.00

MPOA initiated by PCT:	n	%
Yes	0	0.00
No	112	100.00
Total	112	100.00

HCS initiated by PCT:	n	%
Yes	11	9.40
No	106	90.60
Total	117	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	0.00
No	5	100.00
Total	5	100.00

Advance Directives of any kind appointed:	n	%
Yes	233	98.31
No	4	1.69
Total	237	100.00

Of the 24 patients WITH decision making capacity the following advanced directives were noted:

Living Will:	n	%
Yes	11	45.83
No	13	54.17
Total	24	100.00

Medical Power Of Attorney:	n	%
Yes	15	62.50
No	9	37.50
Total	24	100.00

Health Care Surrogate:	n	%
Yes	3	12.50
No	21	87.50
Total	24	100.00

Legal Guardian:	n	%
Yes	0	0.00
No	24	100.00
Parent of Minor	0	0.00
Total	24	100.00

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	0	0.00
MPOA or HCS appointed	18	75.00
Legal Guardian appointed	0	0.00
Neither MPOA or HCS appointed	6	25.00
Total	24	100.00

Living will initiated by PCT:	n	%
Yes	3	27.27
No	8	72.73
Total	11	100.00

MPOA initiated by PCT:	n	%
Yes	4	26.67
No	11	73.33
Total	15	100.00

HCS initiated by PCT:	n	%
Yes	0	0.00
No	3	100.00
Total	3	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

Advance Directives of any kind appointed:	n	%
Yes	18	75.00
No	6	25.00
Total	24	100.00

Of the 32 patients WITH an undetermined decision making capacity the following advanced directives were noted:

MPOA and Health Care Surrogate appointment:			Advance Directives of any kind appointed:		
	n	%		n	%
Both MPOA and HCS appointed	0	0.00	Yes	25	78.13
MPOA or HCS appointed	25	78.13	No	7	21.88
Legal Guardian appointed	0	0.00	Total	32	100.00
Neither MPOA or HCS appointed	7	21.88			
Total	32	100.00			

Of those 24 patients WITH decision making capacity at time of first visit, 2 had pain scale scores for both the initial pain assessment and the 48 hour assessment.

The difference in pain scores between the two assessments.			The difference in pain scores between the two assessments, with 0's for both initial and 48 hour removed.		
	n	%		n	%
Higher	0	0.00	Higher	0	0.00
Lower	2	100.00	Lower	2	100.00
No Change	0	0.00	No Change	0	0.00
Total	2	100.00	Total	2	100.00

Of those 0 patients with no change in pain score from initial assessment to 48 hours, the following pain scores were reported:

Time1 /Time 2	n	%	Time1 /Time 2	n	%
0/0	0	#DIV/0!	6/6	0	#DIV/0!
1/1	0	#DIV/0!	7/7	0	#DIV/0!
2/2	0	#DIV/0!	8/8	0	#DIV/0!
3/3	0	#DIV/0!	9/9	0	#DIV/0!
4/4	0	#DIV/0!	10/10	0	#DIV/0!
5/5	0	#DIV/0!	Total	0	#DIV/0!

Of the 2 patients that experienced a decrease in pain score from initial assessment to 48 hours, the following changes were noted:

	n	Time 1	Time 2	Difference in Pain Scores
	1	9	7	-2
	1	10	0	-10

Of those 24 patients WITH decision making capacity at time of first visit, 2 had Dyspnea Assessments for both the initial assessment and the 48 hour assessment.

The difference between the two assessments.			The difference in between the two assessments, with 0's for both initial and 48 hour removed.		
	n	%		n	%
Higher	0	0.00	Higher	0	0.00
Lower	0	0.00	Lower	0	0.00
No Change	2	100.00	No Change	2	100.00
Total	2	100.00	Total	2	100.00

Of those 24 patients WITH decision making capacity at time of first visit, 2 had Weakness/Fatigue Assessments for both the initial assessment and the 48 hour assessment.

The difference between the two assessments.			The difference in between the two assessments, with 0's for both initial and 48 hour removed.		
	n	%		n	%
Higher	0	0.00	Higher	0	0.00
Lower	0	0.00	Lower	0	0.00
No Change	2	100.00	No Change	2	100.00
Total	2	100.00	Total	2	100.00

Treatments in use and changes while PCT involved in care:

How to interpret the data: (Information reported reflects only those variables that were marked, no assumptions can be made.)
The patient(s) can be using or not using a treatment at the time palliative care gets involved. If the treatment is marked "in use" it can be stopped. If the treatment is marked "not in use" it can be avoided.

Example: Intravenous fluids: 237 patients (80.89%) were receiving intravenous fluids, 56 (19.11%) were not using the intravenous fluids.
Of the 237 patients using IV fluids, 126 (53.16%) discontinued use. Of the 56 patients not receiving IV fluids, 2 (3.57%) treatments were avoided.

Intravenous fluids	n	%
In use	237	80.89
Not in use	56	19.11
In use and stopped	126	53.16
Not in use and avoided	2	3.57

Intravenous antibiotics	n	%
In use	214	73.04
Not in use	79	26.96
In use and stopped	124	57.94
Not in use and avoided	0	0.00

Intravenous Vasopressors	n	%
In use	73	24.91
Not in use	220	75.09
In use and stopped	54	73.97
Not in use and avoided	1	0.45

TPN/PPN	n	%
In use	18	6.14
Not in use	275	93.86
In use and stopped	13	72.22
Not in use and avoided	0	0.00

Gastric feedings	n	%
In use	103	35.15
Not in use	190	64.85
In use and stopped	50	48.54
Not in use and avoided	16	8.42

Dialysis	n	%
In use	34	11.60
Not in use	259	88.40
In use and stopped	18	52.94
Not in use and avoided	8	3.09

Diagnostic labs	n	%
In use	289	98.63
Not in use	4	1.37
In use and stopped	134	46.37
Not in use and avoided	0	0.00

Diagnostic x-rays	n	%
In use	286	97.61
Not in use	7	2.39
In use and stopped	135	47.20
Not in use and avoided	0	0.00

Other Treatments	n	%
Albumin infusions	0	0.00
CPR	0	0.00
Chest Tube	0	0.00
Feedings	0	0.00
G-Tube for drainage	0	0.00
IV Morphine PRN started	0	0.00
Intraaortic balloon pump	1	100.00
JP drain X3	0	0.00
K-runs	0	0.00
MRI under anesthesia	0	0.00
NG Tube	0	0.00
PICC	0	0.00
Telemetry	0	0.00
Trach	0	0.00
Biopsy	0	0.00

Mechanical ventilation	n	%
In use	88	30.03
Not in use	205	69.97
In use and stopped	70	79.55
Not in use and avoided	17	8.29

BIPAP or CPAP	n	%
In use	46	15.70
Not in use	247	84.30
In use and stopped	33	71.74
Not in use and avoided	2	0.81

Transfusions	n	%
In use	92	31.40
Not in use	201	68.60
In use and stopped	41	44.57
Not in use and avoided	4	1.99

Chemotherapy	n	%
In use	8	2.73
Not in use	285	97.27
In use and stopped	5	62.50
Not in use and avoided	4	1.40

Radiation Therapy	n	%
In use	0	0.00
Not in use	293	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

Surgery	n	%
In use	45	15.36
Not in use	248	84.64
In use and stopped	1	2.22
Not in use and avoided	38	15.32

ICU Admission to the floor	n	%
In use	0	0.00
Not in use	293	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

Other	n	%
In use	1	0.34
Not in use	292	99.66
In use and stopped	1	100.00
Not in use and avoided	0	0.00

Other	n	%
Trach & Peg	0	0.00
Bronchoscopy	0	0.00
Card. Gtt	0	0.00
Continued EEG monitoring	0	0.00
Epidural Catheter	0	0.00
Epidural Pump	0	0.00
Moved from ICU	0	0.00
Paracentesis	0	0.00
Pericardial drain	0	0.00
Pressors	0	0.00
Pulse Ox	0	0.00
Wound Vac	0	0.00
Total	1	100.00

Discharge Summary:

Even after discharge the palliative care teams continue to track and follow-up with their patients.

A total of 116 (39.59%) patients died while being followed by the palliative care teams during 2009.

Disposition:	n	%
<i>Data reported for the following is strictly based on what happened to the patient on their exact discharge date.</i>		
Death	116	39.59
SNU (Hospital)	0	0.00
PCU	0	0.00
NH/SNF	11	3.75
Home	13	4.44
Hospice	24	8.19
Home Health	8	2.73
Hospital (Transfer)	1	0.34
Hospice inpatient	2	0.68
NH/SNF with Hospice	6	2.05
Personal care home	1	0.34
Acute Rehabilitation	0	0.00
Hospice House	60	20.48
LTAC	1	0.34
Team services no longer needed	50	17.06
Other	0	0.00
Total	293	100.00

Place of Death:	n	%
<i>Data reported for the following is based on the patient dying on the date of discharge.</i>		
Hospital (ICU)	44	37.93
Hospital (Acute)	61	52.59
Personal Care Home	0	0.00
Home	0	0.00
SNU (Hospital)	0	0.00
NH/SNF	0	0.00
Hospice Inpatient	8	6.90
Hospice House	0	0.00
PCU	1	0.86
Home Health	0	0.00
Hospice	2	1.72
NH/SNF with Hospice	0	0.00
Acute Rehabilitation	0	0.00
Other	0	0.00
Total	116	100.00

Of those 116 patients who died the following were designated:

Primary Diagnosis:	n	%
Cancer	30	25.86
Cardiac	7	6.03
AIDS	0	0.00
Renal	2	1.72
Pulmonary	17	14.66
Liver	2	1.72
Neurological	27	23.28
Noncardiac Vascular	1	0.86
Dementia	0	0.00
General Disability	2	1.72
Sepsis	8	6.90
Mult-organ failure	20	17.24
Total	116	100.00

Interventions by PCT: (More than one option can be checked. Percentages are out of the total number of patients (293).)

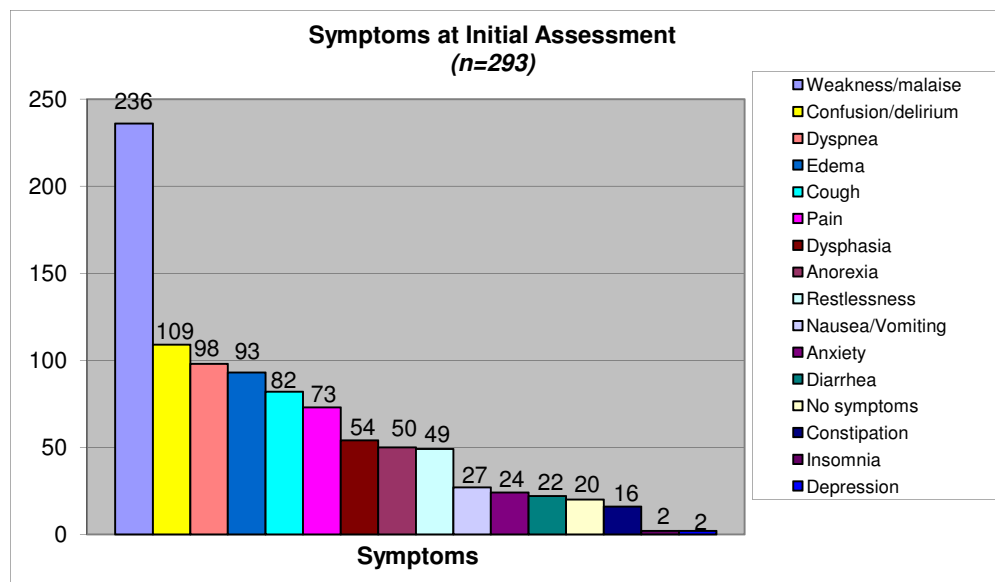
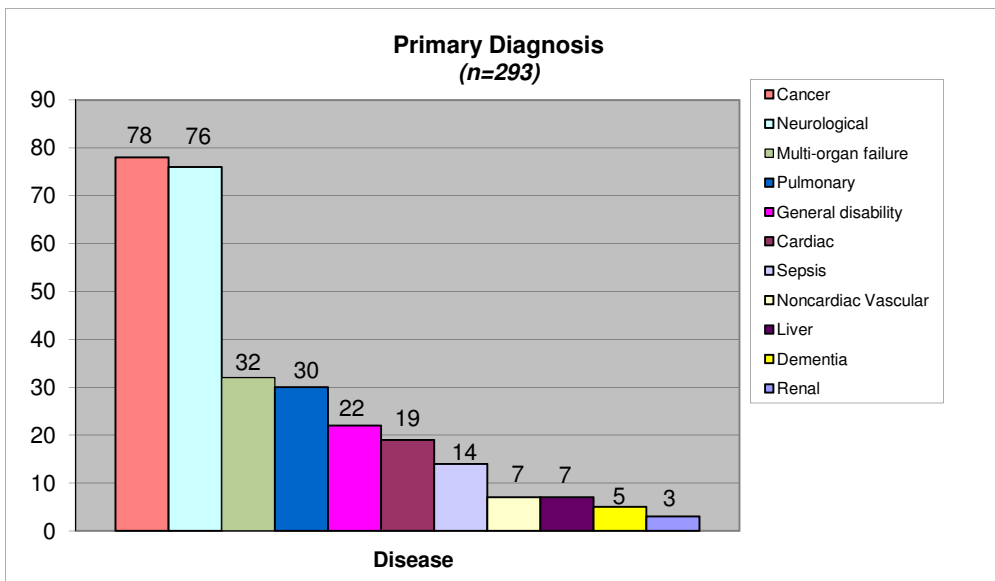
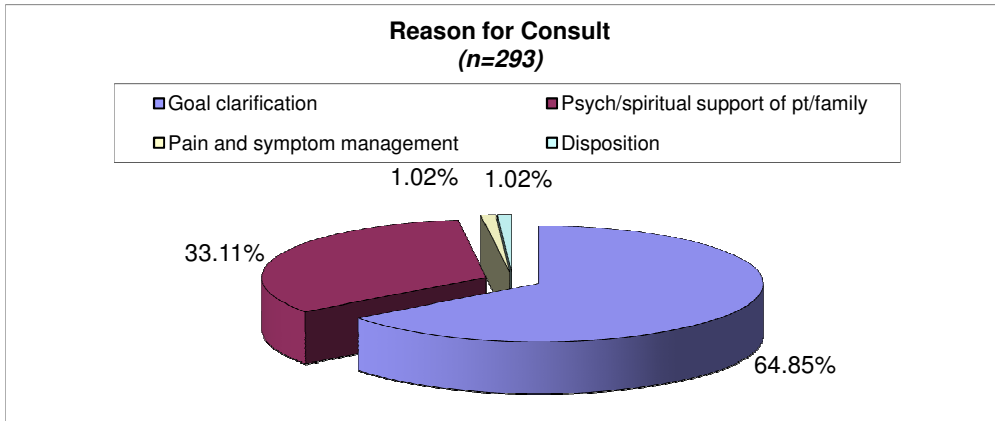
	n	%
Education about the process of their disease, prognosis and options for care.	264	90.10
Conduct a patient and family care conference with appropriate members of the interdisciplinary team.	213	72.70
Education about the benefits and burdens of specific treatments or potential interventions.	220	75.09
Provide information about spiritual care services or counseling services available.	280	95.56
Provide individual education and support to families and unlicensed caregivers to assure safe and appropriate care after discharge.	21	7.17
Provide pain and symptom management recommendations.	61	20.82
Education about the signs and symptoms of imminent death or dying process in a timely, culturally appropriate manner.	102	34.81
Hospice option for care was presented at this admission.	150	51.19
Total	1311	

Outcomes or decisions followed by family: (More than one option can be checked. Percentages are out of the total number of patients (293).)

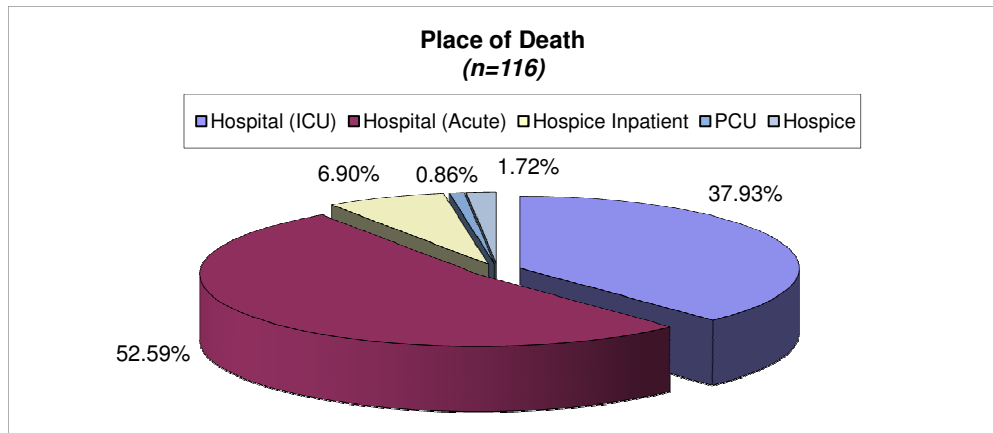
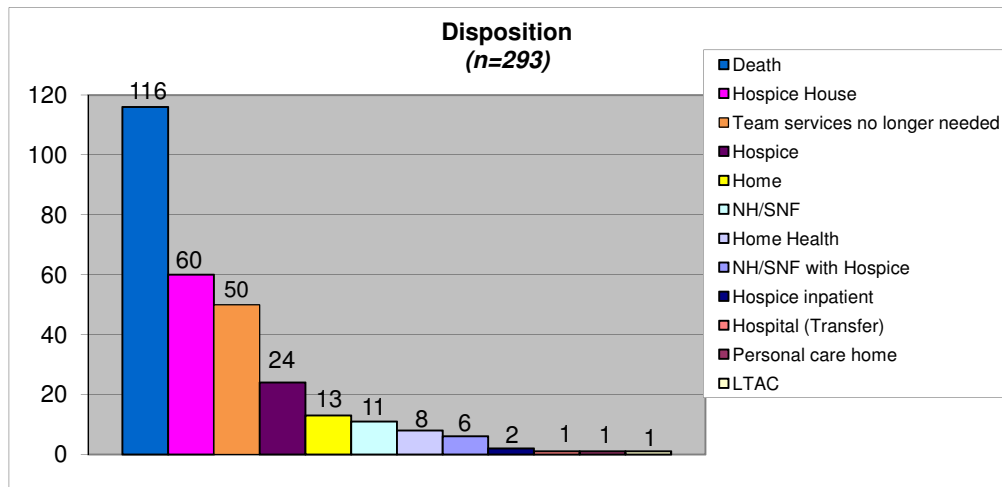
	n	%
Patient and family participated in family care conference	213	72.70
Pastoral Care referral	287	97.95
Involvement of own clergy for spiritual support	22	7.51
Total	522	

PCT Data Collection - Tool

Total number of Palliative Care consults completed during 2009: 293



PCT Data Collection Tool - Outcomes



PCT Data Collection - Tool

Total number of patients discharged during January through December 2009:
 The data throughout this report that are noted as missing data were checked.

12

Gender:	n	%
Male	6	50.00
Female	6	50.00
Total	12	100.00

Marital Status:	n	%
Single	1	8.33
Married	4	33.33
Divorced	3	25.00
Separated	0	0.00
Widowed	4	33.33
Total	12	100.00

County of Residence:

In State:	n	%	n	%	
Barbour	0	0.00	Mineral	0	0.00
Berkeley	0	0.00	Mingo	0	0.00
Boone	0	0.00	Monongalia	0	0.00
Braxton	0	0.00	Monroe	0	0.00
Brooke	0	0.00	Morgan	0	0.00
Cabell	0	0.00	Nicholas	0	0.00
Calhoun	0	0.00	Ohio	0	0.00
Clay	0	0.00	Pendleton	0	0.00
Doddridge	0	0.00	Pleasants	0	0.00
Fayette	0	0.00	Pocahontas	0	0.00
Gilmer	0	0.00	Preston	0	0.00
Grant	0	0.00	Putnam	0	0.00
Greenbrier	0	0.00	Raleigh	0	0.00
Hampshire	0	0.00	Randolph	0	0.00
Hancock	0	0.00	Ritchie	0	0.00
Hardy	0	0.00	Roane	0	0.00
Harrison	0	0.00	Summers	0	0.00
Jackson	0	0.00	Taylor	0	0.00
Jefferson	0	0.00	Tucker	0	0.00
Kanawha	0	0.00	Tyler	0	0.00
Lewis	0	0.00	Upshur	0	0.00
Lincoln	0	0.00	Wayne	0	0.00
Logan	0	0.00	Webster	0	0.00
Marion	0	0.00	Wetzel	0	0.00
Marshall	11	100.00	Wirt	0	0.00
Mason	0	0.00	Wood	0	0.00
McDowell	0	0.00	Wyoming	0	0.00
Mercer	0	0.00	Total	11	100.00

Out of State:

n	%	n	%		
Alleghany, MD	0	0.00	Hickory, PA	0	0.00
Allegheny, PA	0	0.00	Johnson, KY	0	0.00
Athens, OH	0	0.00	Lawrence, KY	0	0.00
Bath, KY	0	0.00	Lawrence, OH	0	0.00
Belmont, OH	1	100.00	Lewis, KY	0	0.00
Boyd, KY	0	0.00	Magoffin, KY	0	0.00
Brunswick, NC	0	0.00	Martin, KY	0	0.00
Carter, KY	0	0.00	Meigs, OH	0	0.00
Fayette, PA	0	0.00	Menifee, KY	0	0.00
Floyd, KY	0	0.00	Monroe, OH	0	0.00
Fulton, OH	0	0.00	Morgan, KY	0	0.00
Gallia, OH	0	0.00	Pike, KY	0	0.00
Garrett, MD	0	0.00	Rowan, KY	0	0.00
Greene, PA	0	0.00	Scioto, OH	0	0.00
Greenup, KY	0	0.00	Somerset, OH	0	0.00
Hardin, KY	0	0.00	Washington, PA	0	0.00
Hickory, PA	0	0.00	Total	1	100.00

Ethnicity:

n	%	n	%		
Black or African American	0	0.00	American Indian/Alaskan Native	0	0.00
White or Caucasian	12	100.00	Hispanic or Spanish	0	0.00
Asian or Pacific Islander	0	0.00	Other	0	0.00
Total	12	100.00	Total	12	100.00

Reason for Consult:

n	%	
Goal clarification	12	100.00
Psych/spiritual support of pt/family	0	0.00
Pain and symptom management	0	0.00
Disposition	0	0.00
Total	12	100.00

Only one answer could be marked.

Patient was admitted to:	n	%
Hospital	10	83.33
Nursing Home/SNF	2	16.67
Other	0	0.00
Total	12	100.00

Primary Diagnosis:	n	%
Cancer	1	8.33
Cardiac	5	41.67
AIDS	0	0.00
Renal	0	0.00
Pulmonary	5	41.67
Liver	0	0.00
Neurological	0	0.00
Noncardiac Vascular	0	0.00
Dementia	0	0.00
General disability	0	0.00
Sepsis	1	8.33
Multi-organ failure	0	0.00
Total	12	100.00

PPS at first contact: (n=12)	%
Average	31
Maximum	60
Minimum	0

Symptoms at initial assessment: Those who reported "yes" they had these symptoms. Percentages are <u>out of the total number of patients (12)</u> .					
	n	%		n	%
Pain	3	25.00	Nausea/Vomiting	0	0.00
Anorexia	0	0.00	Insomnia	0	0.00
Dysphasia	0	0.00	Weakness/malaise	2	16.67
Sore Mouth	0	0.00	Edema	0	0.00
Dyspnea	4	33.33	Restlessness	0	0.00
Cough	1	8.33	Confusion/delirium	1	8.33
Constipation	0	0.00	Anxiety	0	0.00
Diarrhea	0	0.00	Depression	0	0.00
			No symptoms	6	50.00
			Total	11	

Would you be surprised if the patient died in the next year?	n	%
Yes	0	0.00
No	12	100.00
Total	12	100.00

Do Not Resuscitate:	n	%
Yes	5	41.67
No	7	58.33
Total	12	100.00

DNR Card:	n	%
Yes	0	0.00
No	12	100.00
Total	12	100.00

Did patient have multiple chronic illnesses:	n	%
Yes	7	58.33
No	5	41.67
Total	12	100.00

Of the 7 that had multiple illnesses, note the following:		n	%
<=2	2	28.57	
>2	5	71.43	
Total	7	100.00	

PPS Range	n	%
<= 50	11	91.67
>= 51	1	8.33
Total	12	100.00

DNR initiated by PCT:	n	%
Yes	4	80.00
No	1	20.00
Total	5	100.00

DNR Card initiated by PCT:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

Advanced Directives

Living Will:	n	%
Yes	1	8.33
No	11	91.67
Total	12	100.00

Medical Power Of Attorney:	n	%
Yes	6	50.00
No	6	50.00
Total	12	100.00

Health Care Surrogate:	n	%
Yes	5	41.67
No	7	58.33
Total	12	100.00

Legal Guardian:	n	%
Yes	0	0.00
No	12	100.00
Parent of Minor	0	0.00
Total	12	100.00

POST Form completed:	n	%
Yes	0	0.00
No	12	100.00
Total	12	100.00

Did patient have decision making capacity at time of first visit?	n	%
Yes	6	50.00
No	6	50.00
Unable to determine	0	0.00
Total	12	100.00

Of the 6 patients WITHOUT decision making capacity the following advanced directives were noted:

Of the 253 patients WITHOUT decision making capac	n	%
Yes	0	0.00
No	6	100.00
Total	6	100.00

Medical Power Of Attorney:	n	%
Yes	2	33.33
No	4	66.67
Total	6	100.00

Health Care Surrogate:	n	%
Yes	4	66.67
No	2	33.33
Total	6	100.00

Legal Guardian:	n	%
Yes	0	0.00
No	6	100.00
Parent of Minor	0	0.00
capacity the following advanced directives were noted:	6	100.00

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	0	0.00
MPOA or HCS appointed	6	100.00
Legal Guardian appointed	0	0.00
Neither MPOA or HCS appointed	0	0.00
Total	6	100.00

Living will initiated by PCT:	n	%
Yes	0	0.00
No	1	100.00
Total	1	100.00

MPOA initiated by PCT:	n	%
Yes	1	16.67
No	5	83.33
Total	6	100.00

HCS initiated by PCT:	n	%
Yes	5	100.00
No	0	0.00
Total	5	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

POST Form initiated by PCT:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

Living will initiated by PCT:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

MPOA initiated by PCT:	n	%
Yes	0	0.00
No	2	100.00
Total	2	100.00

HCS initiated by PCT:	n	%
Yes	4	100.00
No	0	0.00
Total	4	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

Advance Directives of any kind appointed:	n	%
Yes	6	100.00
No	0	0.00
Total	6	100.00

Of the 6 patients WITH decision making capacity the following advanced directives were noted:

Living Will:	n	%
Yes	1	16.67
No	5	83.33
Total	6	100.00

Medical Power Of Attorney:	n	%
Yes	4	66.67
No	2	33.33
Total	6	100.00

Health Care Surrogate:	n	%
Yes	1	16.67
No	5	83.33
Total	6	100.00

Legal Guardian:	n	%
Yes	0	0.00
No	6	100.00
Parent of Minor	0	0.00
Total	6	100.00

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	0	0.00
MPOA or HCS appointed	5	83.33
Legal Guardian appointed	0	0.00
Neither MPOA or HCS appointed	1	16.67
Total	6	100.00

Of the 0 patients WITH an undetermined decision making capacity the following advanced directives were noted:

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	0	#DIV/0!
MPOA or HCS appointed	0	#DIV/0!
Legal Guardian appointed	0	#DIV/0!
Neither MPOA or HCS appointed	0	#DIV/0!
Total	0	#DIV/0!

Living will initiated by PCT:	n	%
Yes	0	0.00
No	1	100.00
Total	1	100.00

MPOA initiated by PCT:	n	%
Yes	1	25.00
No	3	75.00
Total	4	100.00

HCS initiated by PCT:	n	%
Yes	1	100.00
No	0	0.00
Total	1	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

Advance Directives of any kind appointed:	n	%
Yes	5	83.33
No	1	16.67
Total	6	100.00

Advance Directives of any kind appointed:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

Of those 6 patients WITH decision making capacity at time of first visit, 6 had pain scale scores for both the initial pain assessment and the 48 hour assessment.

The difference in pain scores between the two assessments.		
	n	%
Higher	0	0.00
Lower	5	83.33
No Change	1	16.67
Total	6	100.00

The difference in pain scores between the two assessments, with 0's for both initial and 48 hour removed.		
	n	%
Higher	0	0.00
Lower	5	83.33
No Change	1	16.67
Total	6	100.00

Of the 1 patient with no change in pain score from initial assessment to 48 hours, the following pain score was reported:

Time1 /Time 2	n	%	Time1 /Time 2	n	%
0/0	0	0.00	6/6	0	0.00
1/1	0	0.00	7/7	0	0.00
2/2	0	0.00	8/8	0	0.00
3/3	0	0.00	9/9	0	0.00
4/4	0	0.00	10/10	0	0.00
5/5	1	100.00	Total	1	100.00

Of the 5 patients that experienced a decrease in pain score from initial assessment to 48 hours, the following changes were noted:

	n	Time 1	Time 2	Difference in Pain Scores
	1	8	3	-5
	1	8	4	-4
	1	9	3	-6
	1	9	8	-1
	1	10	8	-2

Of those 6 patients WITH decision making capacity at time of first visit, 6 had Dyspnea Assessments for both the initial assessment and the 48 hour assessment.

The difference between the two assessments.		
	n	%
Higher	0	0.00
Lower	4	66.67
No Change	2	33.33
Total	6	100.00

The difference in between the two assessments, with 0's for both initial and 48 hour removed.		
	n	%
Higher	0	0.00
Lower	4	66.67
No Change	2	33.33
Total	6	100.00

Of those 6 patients WITH decision making capacity at time of first visit, 5 had Weakness/Fatigue Assessments for both the initial assessment and the 48 hour assessment.

The difference between the two assessments.		
	n	%
Higher	0	0.00
Lower	1	20.00
No Change	4	80.00
Total	5	100.00

The difference in between the two assessments, with 0's for both initial and 48 hour removed.		
	n	%
Higher	0	0.00
Lower	1	20.00
No Change	4	80.00
Total	5	100.00

Treatments in use and changes while PCT involved in care:

How to interpret the data: (Information reported reflects only those variables that were marked, no assumptions can be made.)
 The patient(s) can be using or not using a treatment at the time palliative care gets involved. If the treatment is marked "in use" it can be stopped. If the treatment is marked "not in use" it can be avoided.

Example: Intravenous fluids: 5 patients (41.67%) were receiving intravenous fluids, 7 (58.33%) were not using the intravenous fluids.
 Of the 5 patients using IV fluids, 0 (0.00%) discontinued use. Of the 7 patients not receiving IV fluids, 0 (0.00%) treatments were avoided.

Intravenous fluids	n	%
In use	5	41.67
Not in use	7	58.33
In use and stopped	0	0.00
Not in use and avoided	0	0.00

Intravenous antibiotics	n	%
In use	3	25.00
Not in use	9	75.00
In use and stopped	0	0.00
Not in use and avoided	0	0.00

Intravenous Vasopressors	n	%
In use	0	0.00
Not in use	12	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

TPN/PPN	n	%
In use	0	0.00
Not in use	12	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

Gastric feedings	n	%
In use	0	0.00
Not in use	12	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

Dialysis	n	%
In use	0	0.00
Not in use	12	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

Diagnostic labs	n	%
In use	2	16.67
Not in use	10	83.33
In use and stopped	0	0.00
Not in use and avoided	0	0.00

Diagnostic x-rays	n	%
In use	2	16.67
Not in use	10	83.33
In use and stopped	0	0.00
Not in use and avoided	0	0.00

Other Treatments	n	%
Albumin Infusions	0	0.00
CPR	0	0.00
Chest Tube	0	0.00
Feedings	1	50.00
G-Tube for drainage	0	0.00
IV Morphine PRN started	0	0.00
Intraaortic balloon pump	0	0.00
JP drain X3	0	0.00
K-runs	0	0.00
MRI under anesthesia	0	0.00
NG Tube	0	0.00
PICC	0	0.00
Telemetry	1	50.00
Trach	0	0.00
Biopsy	0	0.00

Mechanical ventilation	n	%
In use	7	58.33
Not in use	5	41.67
In use and stopped	3	42.86
Not in use and avoided	0	0.00

BIPAP or CPAP	n	%
In use	0	0.00
Not in use	12	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

Transfusions	n	%
In use	0	0.00
Not in use	12	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

Chemotherapy	n	%
In use	0	0.00
Not in use	12	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

Radiation Therapy	n	%
In use	0	0.00
Not in use	12	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

Surgery	n	%
In use	0	0.00
Not in use	12	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

ICU Admission to the floor	n	%
In use	0	0.00
Not in use	12	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

Other	n	%
In use	2	16.67
Not in use	10	83.33
In use and stopped	0	0.00
Not in use and avoided	0	0.00

	n	%
Trach & Peg	0	0.00
Bronchoscopy	0	0.00
Card. Gtt	0	0.00
Continued EEG monitoring	0	0.00
Epidural Catheter	0	0.00
Epidural Pump	0	0.00
Moved from ICU	0	0.00
Paracentesis	0	0.00
Pericardial drain	0	0.00
Pressors	0	0.00
Pulse Ox	0	0.00
Wound Vac	0	0.00
Total	2	100.00

Discharge Summary:

Even after discharge the palliative care teams continue to track and follow-up with their patients.

A total of 6 (50.00%) patients died while being followed by the palliative care teams during 2009.

Disposition:	n	%
<i>Data reported for the following is strictly based on what happened to the patient on their exact discharge date.</i>		
Death	6	50.00
SNU (Hospital)	0	0.00
PCU	0	0.00
NH/SNF	4	33.33
Home	2	16.67
Hospice	0	0.00
Home Health	0	0.00
Hospital (Transfer)	0	0.00
Hospice inpatient	0	0.00
NH/SNF with Hospice	0	0.00
Personal care home	0	0.00
Acute Rehabilitation	0	0.00
Hospice House	0	0.00
LTAC	0	0.00
Team services no longer needed	0	0.00
Other	0	0.00
Total	12	100.00

Place of Death:	n	%
<i>Data reported for the following is based on the patient dying on the date of discharge.</i>		
Hospital (ICU)	2	33.33
Hospital (Acute)	1	16.67
Personal Care Home	0	0.00
Home	0	0.00
SNU (Hospital)	1	16.67
NH/SNF	2	33.33
Hospice Inpatient	0	0.00
Hospice House	0	0.00
PCU	0	0.00
Home Health	0	0.00
Hospice	0	0.00
NH/SNF with Hospice	0	0.00
Acute Rehabilitation	0	0.00
Other	0	0.00
Total	6	100.00

Of those 6 patients who died the following were designated:

Primary Diagnosis:	n	%
Cancer	1	16.67
Cardiac	3	50.00
AIDS	0	0.00
Renal	0	0.00
Pulmonary	2	33.33
Liver	0	0.00
Neurological	0	0.00
Noncardiac Vascular	0	0.00
Dementia	0	0.00
General Disability	0	0.00
Sepsis	0	0.00
Mult-organ failure	0	0.00
Total	6	100.00

Interventions by PCT: (More than one option can be checked. Percentages are out of the total number of patients (12).)

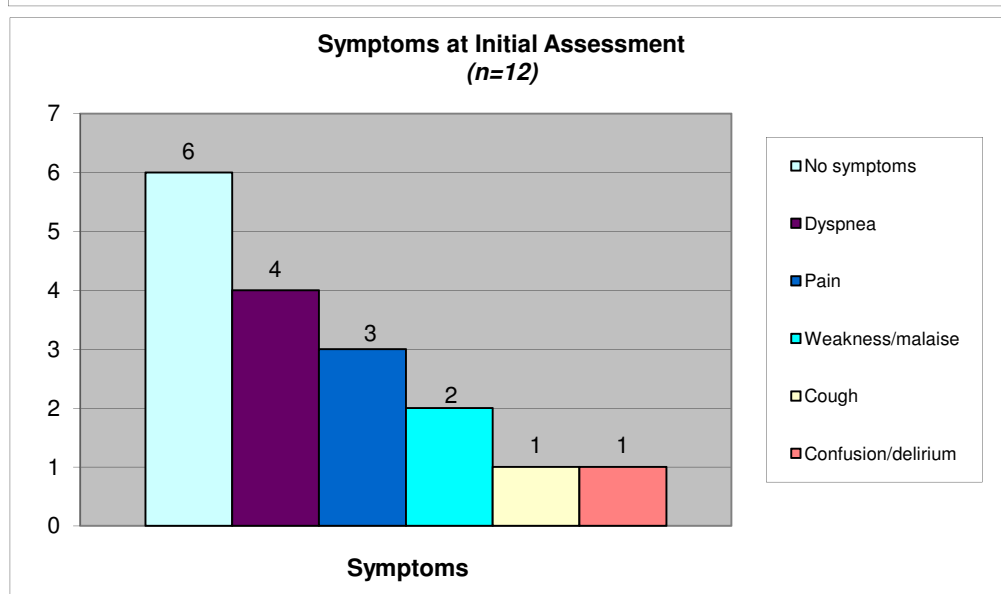
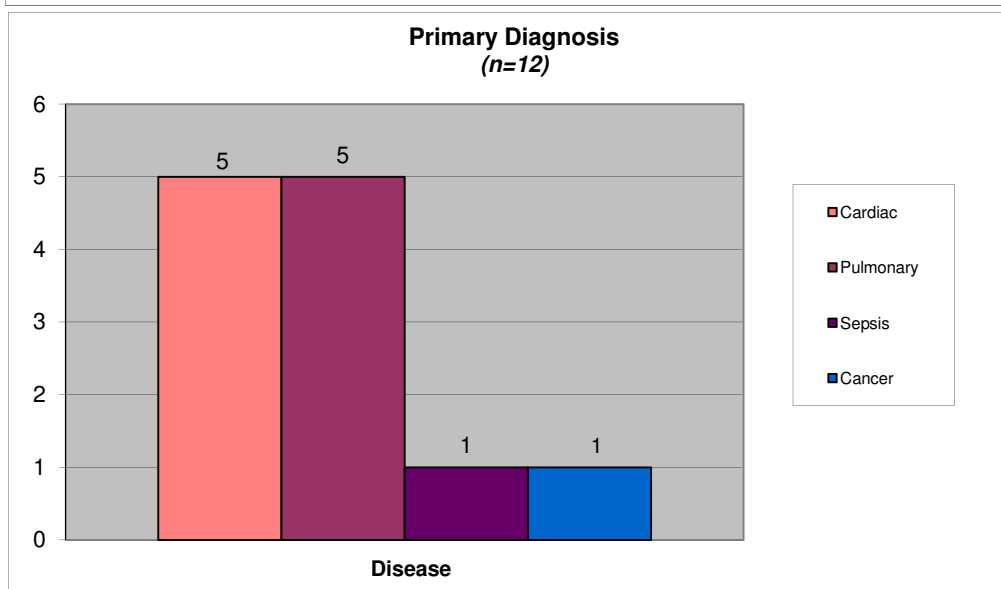
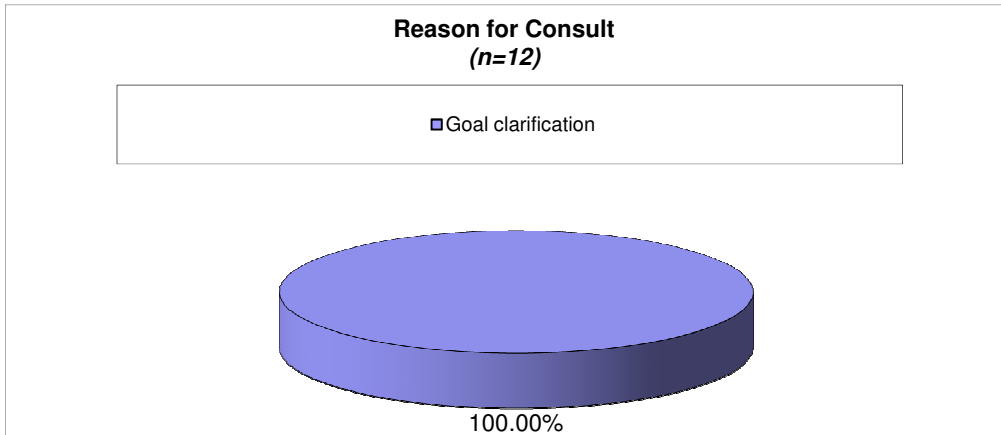
	n	%
Education about the process of their disease, prognosis and options for care.	11	91.67
Conduct a patient and family care conference with appropriate members of the interdisciplinary team.	12	100.00
Education about the benefits and burdens of specific treatments or potential interventions.	11	91.67
Provide information about spiritual care services or counseling services available.	2	16.67
Provide individual education and support to families and unlicensed caregivers to assure safe and appropriate care after discharge.	6	50.00
Provide pain and symptom management recommendations.	5	41.67
Education about the signs and symptoms of imminent death or dying process in a timely, culturally appropriate manner.	3	25.00
Hospice option for care was presented at this admission.	1	8.33
Total	51	

Outcomes or decisions followed by family: (More than one option can be checked. Percentages are out of the total number of patients (12).)

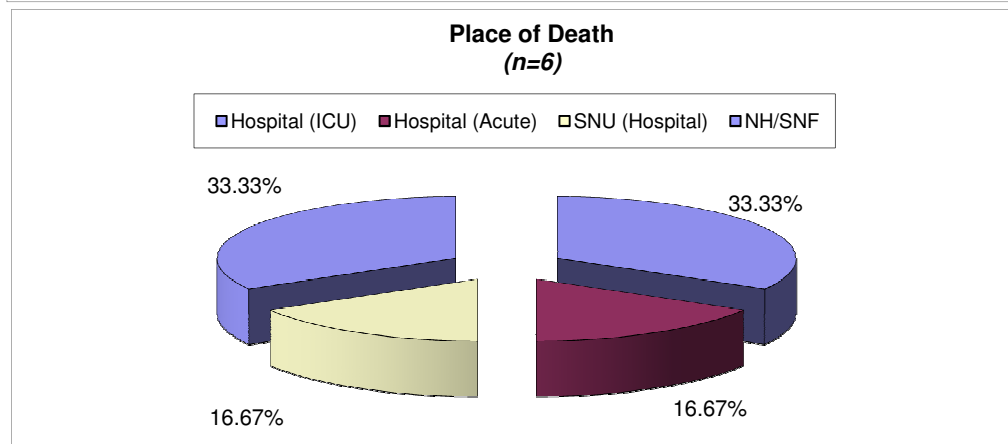
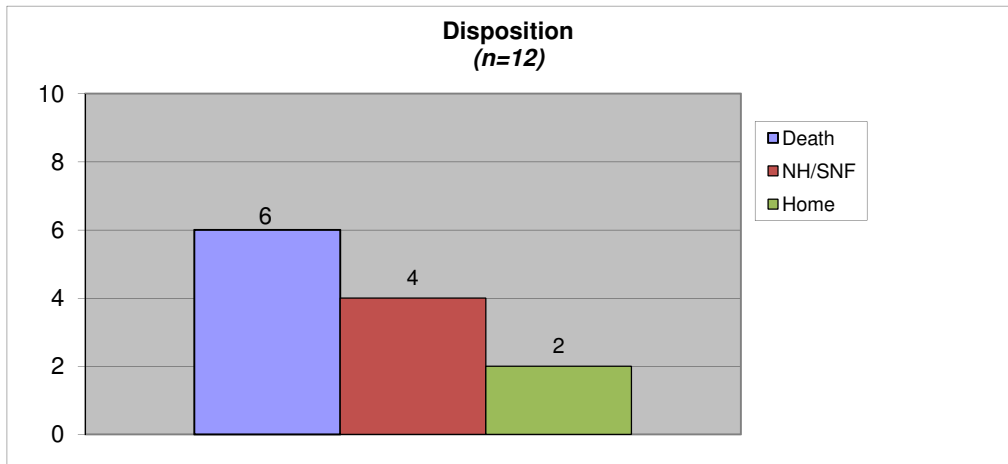
	n	%
Patient and family participated in family care conference	12	100.00
Pastoral Care referral	0	0.00
Involvement of own clergy for spiritual support	0	0.00
Total	12	

PCT Data Collection - Tool

Total number of Palliative Care consults completed during 2009: 12



PCT Data Collection Tool - Outcomes



PCT Data Collection - Tool

Total number of patients discharged during January through December 2009:
 The data throughout this report that are noted as missing data were checked.

401

Gender:	n	%
Male	171	42.64
Female	230	57.36
Total	401	100.00

Marital Status:	n	%
Single	38	9.48
Married	146	36.41
Divorced	39	9.73
Separated	3	0.75
Widowed	175	43.64
Total	401	100.00

County of Residence:

In State: (Missing n=1)	n	%	n	%	
Barbour	0	0.00	Mineral	0	0.00
Berkeley	0	0.00	Mingo	0	0.00
Boone	16	4.00	Monongalia	0	0.00
Braxton	0	0.00	Monroe	0	0.00
Brooke	0	0.00	Morgan	0	0.00
Cabell	3	0.75	Nicholas	2	0.50
Calhoun	0	0.00	Ohio	0	0.00
Clay	1	0.25	Pendleton	0	0.00
Doddridge	0	0.00	Pleasants	0	0.00
Fayette	3	0.75	Pocahontas	0	0.00
Gilmer	0	0.00	Preston	0	0.00
Grant	0	0.00	Putnam	42	10.50
Greenbrier	0	0.00	Raleigh	0	0.00
Hampshire	0	0.00	Randolph	0	0.00
Hancock	0	0.00	Ritchie	0	0.00
Hardy	0	0.00	Roane	1	0.25
Harrison	0	0.00	Summers	0	0.00
Jackson	1	0.25	Taylor	0	0.00
Jefferson	0	0.00	Tucker	0	0.00
Kanawha	307	76.75	Tyler	0	0.00
Lewis	0	0.00	Upshur	0	0.00
Lincoln	17	4.25	Wayne	0	0.00
Logan	6	1.50	Webster	0	0.00
Marion	0	0.00	Wetzel	0	0.00
Marshall	0	0.00	Wirt	0	0.00
Mason	0	0.00	Wood	1	0.25
McDowell	0	0.00	Wyoming	0	0.00
Mercer	0	0.00	Total	400	100.00

Out of State:

n	%	n	%		
Allegheny, MD	0	#DIV/0!	Hickory, PA	0	#DIV/0!
Allegheny, PA	0	#DIV/0!	Johnson, KY	0	#DIV/0!
Athens, OH	0	#DIV/0!	Lawrence, KY	0	#DIV/0!
Bath, KY	0	#DIV/0!	Lawrence, OH	0	#DIV/0!
Belmont, OH	0	#DIV/0!	Lewis, KY	0	#DIV/0!
Boyd, KY	0	#DIV/0!	Magoffin, KY	0	#DIV/0!
Brunswick, NC	0	#DIV/0!	Martin, KY	0	#DIV/0!
Carter, KY	0	#DIV/0!	Meigs, OH	0	#DIV/0!
Fayette, PA	0	#DIV/0!	Menifee, KY	0	#DIV/0!
Floyd, KY	0	#DIV/0!	Monroe, OH	0	#DIV/0!
Fulton, OH	0	#DIV/0!	Morgan, KY	0	#DIV/0!
Gallia, OH	0	#DIV/0!	Pike, KY	0	#DIV/0!
Garrett, MD	0	#DIV/0!	Rowan, KY	0	#DIV/0!
Greene, PA	0	#DIV/0!	Scioto, OH	0	#DIV/0!
Greenup, KY	0	#DIV/0!	Somerset, OH	0	#DIV/0!
Hardin, KY	0	#DIV/0!	Washington, PA	0	#DIV/0!
Hickory, PA	0	#DIV/0!	Total	0	#DIV/0!

Ethnicity:

n	%	n	%		
Black or African American	11	2.74	American Indian/Alaskan Native	0	0.00
White or Caucasian	389	97.01	Hispanic or Spanish	0	0.00
Asian or Pacific Islander	1	0.25	Other	0	0.00
			Total	401	100.00

Reason for Consult:

n	%	
Goal clarification	386	96.26
Psych/spiritual support of pt/family	0	0.00
Pain and symptom management	0	0.00
Disposition	15	3.74
Total	401	100.00

Only one answer could be marked.

Patient was admitted to:	n	%
Hospital	396	98.75
Nursing Home/SNF	0	0.00
Other	5	1.25
Total	401	100.00

Primary Diagnosis:	n	%
Cancer	101	25.19
Cardiac	44	10.97
AIDS	0	0.00
Renal	21	5.24
Pulmonary	87	21.70
Liver	12	2.99
Neurological	28	6.98
Noncardiac Vascular	4	1.00
Dementia	46	11.47
General disability	44	10.97
Sepsis	11	2.74
Multi-organ failure	3	0.75
Total	401	100.00

PPS at first contact: (n=401)	%
Average	37
Maximum	60
Minimum	20

Symptoms at initial assessment: <i>Those who reported "yes" they had these symptoms. Percentages are out of the total number of patients (401).</i>					
	n	%		n	%
Pain	0	0.00	Nausea/Vomiting	0	0.00
Anorexia	0	0.00	Insomnia	0	0.00
Dysphasia	1	0.25	Weakness/malaise	16	3.99
Sore Mouth	0	0.00	Edema	0	0.00
Dyspnea	3	0.75	Restlessness	0	0.00
Cough	0	0.00	Confusion/delirium	1	0.25
Constipation	0	0.00	Anxiety	0	0.00
Diarrhea	0	0.00	Depression	0	0.00
			No symptoms	389	97.01
			Total	21	

Would you be surprised if the patient died in the next year? (Missing n=9)	n	%
Yes	12	2.99
No	380	94.76
Total	392	97.76

Do Not Resuscitate:	n	%
Yes	393	98.00
No	8	2.00
Total	401	100.00

DNR Card:	n	%
Yes	13	3.24
No	388	96.76
Total	401	100.00

Did patient have multiple chronic illnesses:	n	%
Yes	400	99.75
No	1	0.25
Total	401	100.00

Of the 400 that had multiple illnesses, note the following:	n	%
<=2	0	0.00
>2	400	100.00
Total	400	100.00

PPS Range	n	%
< = 50	397	99.00
> = 51	4	1.00
Total	401	100.00

DNR initiated by PCT:	n	%
Yes	347	90.60
No	46	12.01
Total	393	102.61

DNR Card initiated by PCT: (Missing n=1)	n	%
Yes	6	1.57
No	6	1.57
Total	12	3.13

Advanced Directives

Living Will:	n	%
Yes	297	74.06
No	104	25.94
Total	401	100.00

Medical Power Of Attorney:	n	%
Yes	299	74.56
No	102	25.44
Total	401	100.00

Health Care Surrogate:	n	%
Yes	87	21.70
No	314	78.30
Total	401	100.00

Legal Guardian:	n	%
Yes	12	2.99
No	389	97.01
Parent of Minor	0	0.00
Total	401	100.00

POST Form completed:	n	%
Yes	383	95.51
No	18	4.49
Total	401	100.00

Did patient have decision making capacity at time of first visit?	n	%
Yes	107	26.68
No	294	73.32
Unable to determine	0	0.00
Total	401	100.00

Of the 294 patients WITHOUT decision making capacity the following advanced directives were noted:

Living Will:	n	%
Living will initiated by PCT:	192	65.31
No	102	34.69
Total	294	100.00

Medical Power Of Attorney:	n	%
Yes	194	65.99
No	100	34.01
Total	294	100.00

Health Care Surrogate:	n	%
Yes	87	29.59
No	207	70.41
Total	294	100.00

Legal Guardian:	n	%
Yes	12	4.08
No	282	95.92
Parent of Minor	0	0.00
Total	294	100.00

Of the 294 patients WITHOUT decision making capacity the following advanced directives were noted:

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	1	0.34
MPOA or HCS appointed	274	93.20
Legal Guardian appointed	12	4.08
Neither MPOA or HCS appointed	7	2.38
Total	294	100.00

Living will initiated by PCT:	n	%
Yes	63	21.21
No	234	78.79
Total	297	100.00

MPOA initiated by PCT:	n	%
Yes	62	20.74
No	237	79.26
Total	299	100.00

HCS initiated by PCT:	n	%
Yes	76	87.36
No	11	12.64
Total	87	100.00

Legal Guardian initiated by PCT:	n	%
Yes	3	25.00
No	9	75.00
Total	12	100.00

POST Form initiated by PCT:	n	%
Yes	355	92.69
No	28	7.31
Total	383	100.00

Living will initiated by PCT:	n	%
Yes	1	0.52
No	191	99.48
Total	192	100.00

MPOA initiated by PCT:	n	%
Yes	2	1.03
No	192	98.97
Total	194	100.00

HCS initiated by PCT:	n	%
Yes	76	87.36
No	11	12.64
Total	87	100.00

Legal Guardian initiated by PCT:	n	%
Yes	3	25.00
No	9	75.00
Total	12	100.00

Advance Directives of any kind appointed:	n	%
Yes	288	97.96
No	6	2.04
Total	294	100.00

Of the 107 patients WITH decision making capacity the following advanced directives were noted:

Living Will:	n	%
Yes	105	98.13
No	2	1.87
Total	107	100.00

Medical Power Of Attorney:	n	%
Yes	105	98.13
No	2	1.87
Total	107	100.00

Health Care Surrogate:	n	%
Yes	0	0.00
No	107	100.00
Total	107	100.00

Legal Guardian:	n	%
Yes	0	0.00
No	107	100.00
Parent of Minor	0	0.00
Total	107	100.00

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	0	0.00
MPOA or HCS appointed	105	98.13
Legal Guardian appointed	0	0.00
Neither MPOA or HCS appointed	2	1.87
Total	107	100.00

Of the 0 patients WITH an undetermined decision making capacity the following advanced directives were noted:

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	0	#DIV/0!
MPOA or HCS appointed	0	#DIV/0!
Legal Guardian appointed	0	#DIV/0!
Neither MPOA or HCS appointed	0	#DIV/0!
Total	0	#DIV/0!

Living will initiated by PCT:	n	%
Yes	62	59.05
No	43	40.95
Total	105	100.00

MPOA initiated by PCT:	n	%
Yes	60	57.14
No	45	42.86
Total	105	100.00

HCS initiated by PCT:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

Legal Guardian initiated by PCT:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

Advance Directives of any kind appointed:	n	%
Yes	105	98.13
No	2	1.87
Total	107	100.00

Advance Directives of any kind appointed:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

Of those 107 patients WITH decision making capacity at time of first visit, 104 had pain scale scores for both the initial pain assessment and the 48 hour assessment.

The difference in pain scores between the two assessments.

	n	%
Higher	0	0.00
Lower	0	0.00
No Change	104	100.00
Total	104	100.00

The difference in pain scores between the two assessments, with 0's for both initial and 48 hour removed.

	n	%
Higher	0	0.00
Lower	0	0.00
No Change	104	100.00
Total	104	100.00

Of those 104 patients with no change in pain score from initial assessment to 48 hours, the following pain scores were reported:

Time1 /Time 2	n	%	Time1 /Time 2	n	%
0/0	104	100.00	6/6	0	0.00
1/1	0	0.00	7/7	0	0.00
2/2	0	0.00	8/8	0	0.00
3/3	0	0.00	9/9	0	0.00
4/4	0	0.00	10/10	0	0.00
5/5	0	0.00	Total	104	100.00

Of those 107 patients WITH decision making capacity at time of first visit, 104 had Dyspnea Assessments for both the initial assessment and the 48 hour assessment.

The difference between the two assessments.

	n	%
Higher	0	0.00
Lower	0	0.00
No Change	104	100.00
Total	104	100.00

The difference in between the two assessments, with 0's for both initial and 48 hour removed.

	n	%
Higher	0	0.00
Lower	0	0.00
No Change	2	100.00
Total	2	100.00

Of those 107 patients WITH decision making capacity at time of first visit, 106 had Weakness/Fatigue Assessments for both the initial assessment and the 48 hour assessment.

The difference between the two assessments.

	n	%
Higher	0	0.00
Lower	2	1.89
No Change	104	98.11
Total	106	100.00

The difference in between the two assessments, with 0's for both initial and 48 hour removed.

	n	%
Higher	0	0.00
Lower	2	20.00
No Change	8	80.00
Total	10	100.00

Treatments in use and changes while PCT involved in care:

How to interpret the data: (Information reported reflects only those variables that were marked, no assumptions can be made.)
 The patient(s) can be using or not using a treatment at the time palliative care gets involved. If the treatment is marked "in use" it can be stopped. If the treatment is marked "not in use" it can be avoided.

Example: Intravenous fluids: 400 patients (99.75%) were receiving intravenous fluids, 1 (0.25%) were not using the intravenous fluids.
 Of the 400 patients using IV fluids, 398 (99.50%) discontinued use. Of the 1 patients not receiving IV fluids, 0 (0.00%) treatments were avoided.

Intravenous fluids	n	%
In use	400	99.75
Not in use	1	0.25
In use and stopped	398	99.50
Not in use and avoided	0	0.00

Intravenous antibiotics	n	%
In use	400	99.75
Not in use	1	0.25
In use and stopped	395	98.75
Not in use and avoided	0	0.00

Intravenous Vasopressors	n	%
In use	23	5.74
Not in use	378	94.26
In use and stopped	19	82.61
Not in use and avoided	0	0.00

TPN/PPN	n	%
In use	5	1.25
Not in use	396	98.75
In use and stopped	4	80.00
Not in use and avoided	0	0.00

Gastric feedings	n	%
In use	36	8.98
Not in use	365	91.02
In use and stopped	2	5.56
Not in use and avoided	1	0.27

Dialysis	n	%
In use	10	2.49
Not in use	391	97.51
In use and stopped	4	40.00
Not in use and avoided	1	0.26

Diagnostic labs	n	%
In use	397	99.00
Not in use	4	1.00
In use and stopped	397	100.00
Not in use and avoided	0	0.00

Diagnostic x-rays	n	%
In use	398	99.25
Not in use	3	0.75
In use and stopped	395	99.25
Not in use and avoided	0	0.00

Other Treatments	n	%
Albumin Infusions	0	0.00
CPR	0	0.00
Chest Tube	0	0.00
Feedings	0	0.00
G-Tube for drainage	0	0.00
IV Morphine PRN started	0	0.00
Intraaortic balloon pump	0	0.00
JP drain X3	0	0.00
K-runs	0	0.00
MRI under anesthesia	0	0.00
NG Tube	0	0.00
PICC	0	0.00
Telemetry	0	0.00
Trach	0	0.00
Biopsy	0	0.00

Mechanical ventilation	n	%
In use	34	8.48
Not in use	367	91.52
In use and stopped	23	67.65
Not in use and avoided	0	0.00

BIPAP or CPAP	n	%
In use	2	0.50
Not in use	399	99.50
In use and stopped	2	100.00
Not in use and avoided	0	0.00

Transfusions	n	%
In use	0	0.00
Not in use	401	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

Chemotherapy	n	%
In use	2	0.50
Not in use	399	99.50
In use and stopped	0	0.00
Not in use and avoided	0	0.00

Radiation Therapy	n	%
In use	0	0.00
Not in use	401	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

Surgery	n	%
In use	1	0.25
Not in use	400	99.75
In use and stopped	0	0.00
Not in use and avoided	0	0.00

ICU Admission to the floor	n	%
In use	0	0.00
Not in use	401	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

Other	n	%
In use	1	0.25
Not in use	400	99.75
In use and stopped	1	100.00
Not in use and avoided	0	0.00

Trach & Peg	0	0.00
Bronchoscopy	0	0.00
Card. Gtt	0	0.00
Continued EEG monitoring	0	0.00
Epidural Catheter	0	0.00
Epidural Pump	0	0.00
Moved from ICU	0	0.00
Paracentesis	0	0.00
Pericardial drain	0	0.00
Pressors	0	0.00
Pulse Ox	1	100.00
Wound Vac	0	0.00
Total	1	100.00

Discharge Summary:

Even after discharge the palliative care teams continue to track and follow-up with their patients.

A total of 58 (14.46%) patients died while being followed by the palliative care teams during 2009.

Disposition:	n	%
<i>Data reported for the following is strictly based on what happened to the patient on their exact discharge date.</i>		
Death	58	14.46
SNU (Hospital)	17	4.24
PCU	0	0.00
NH/SNF	59	14.71
Home	36	8.98
Hospice	93	23.19
Home Health	22	5.49
Hospital (Transfer)	0	0.00
Hospice inpatient	1	0.25
NH/SNF with Hospice	20	4.99
Personal care home	2	0.50
Acute Rehabilitation	2	0.50
Hospice House	83	20.70
LTAC	0	0.00
Team services no longer needed	0	0.00
Other	8	2.00
Total	401	100.00

Place of Death:	n	%
<i>Data reported for the following is based on the patient dying on the date of discharge.</i>		
Hospital (ICU)	1	1.72
Hospital (Acute)	4	6.90
Personal Care Home	0	0.00
Home	0	0.00
SNU (Hospital)	0	0.00
NH/SNF	0	0.00
Hospice Inpatient	16	27.59
Hospice House	0	0.00
PCU	0	0.00
Home Health	0	0.00
Hospice	0	0.00
NH/SNF with Hospice	0	0.00
Acute Rehabilitation	0	0.00
Other	37	63.79
Total	58	100.00

Of those 58 patients who died the following were designated:

Primary Diagnosis:	n	%
Cancer	12	20.69
Cardiac	5	8.62
AIDS	0	0.00
Renal	2	3.45
Pulmonary	20	34.48
Liver	3	5.17
Neurological	4	6.90
Noncardiac Vascular	0	0.00
Dementia	1	1.72
General Disability	5	8.62
Sepsis	4	6.90
Mult-organ failure	2	3.45
Total	58	100.00

Interventions by PCT: (More than one option can be checked. Percentages are out of the total number of patients (401).)

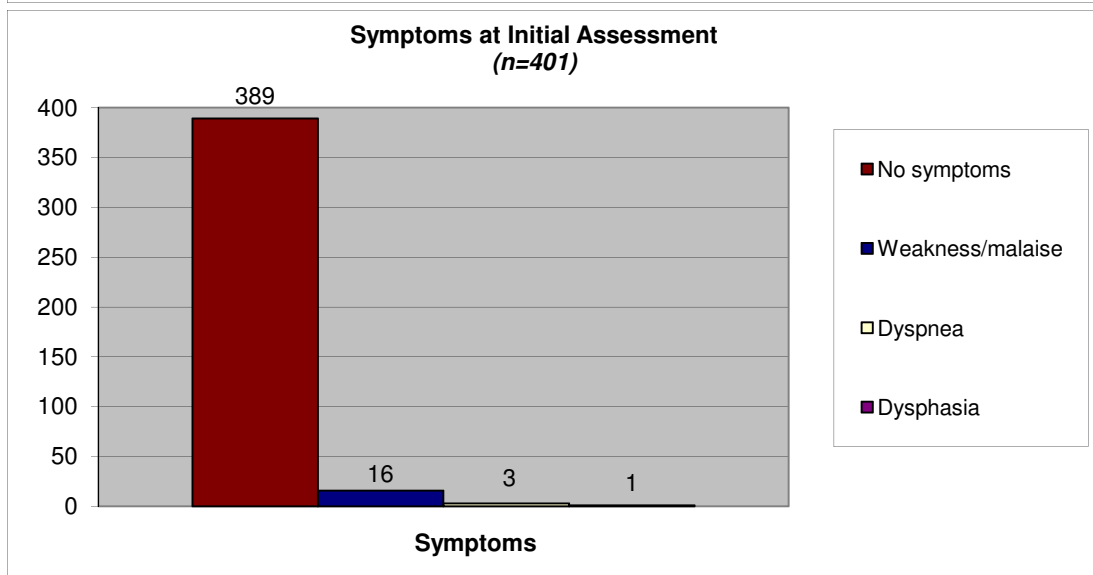
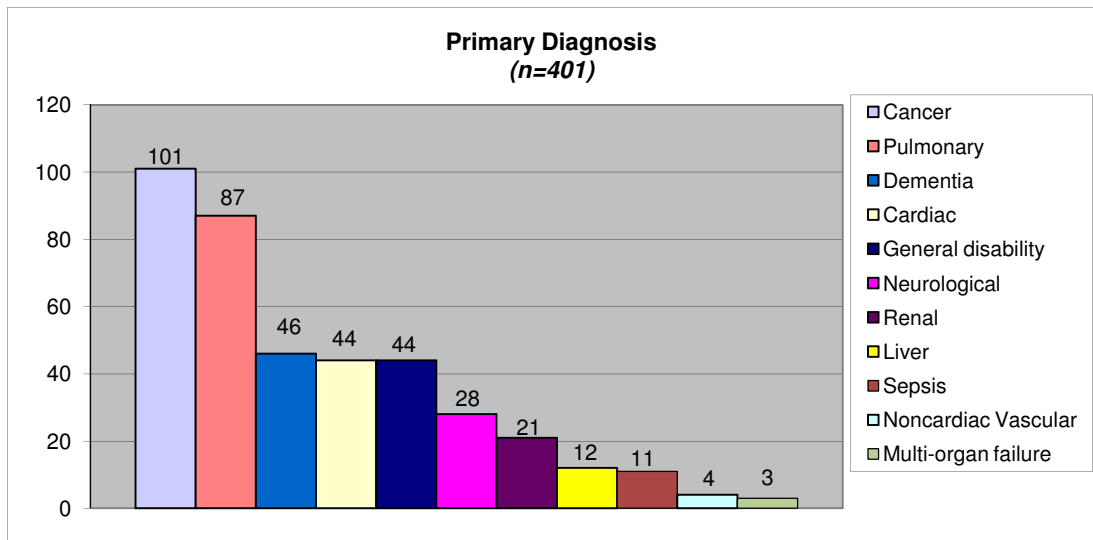
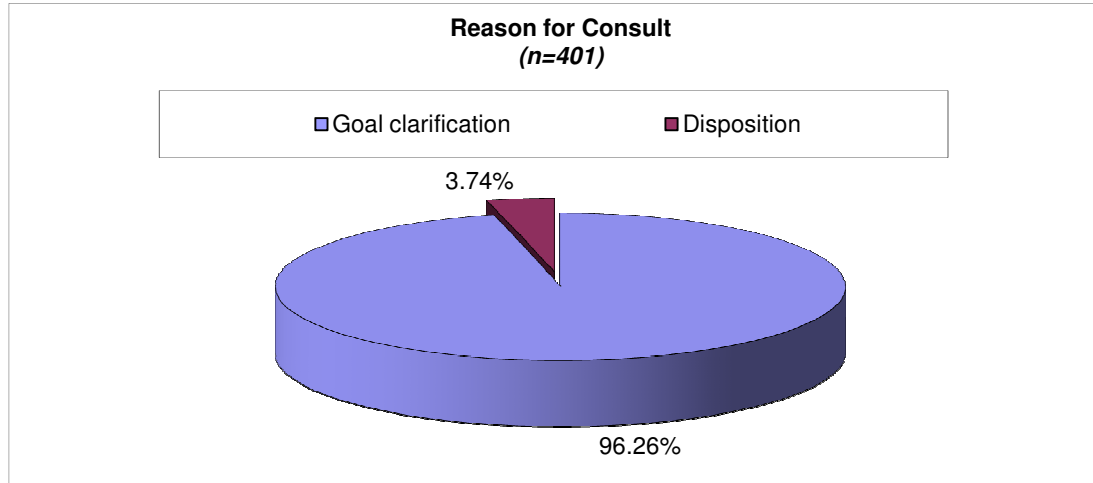
	n	%
Education about the process of their disease, prognosis and options for care.	401	100.00
Conduct a patient and family care conference with appropriate members of the interdisciplinary team.	401	100.00
Education about the benefits and burdens of specific treatments or potential interventions.	401	100.00
Provide information about spiritual care services or counseling services available.	400	99.75
Provide individual education and support to families and unlicensed caregivers to assure safe and appropriate care after discharge.	400	99.75
Provide pain and symptom management recommendations.	401	100.00
Education about the signs and symptoms of imminent death or dying process in a timely, culturally appropriate manner.	2	0.50
Hospice option for care was presented at this admission.	0	0.00
Total	2406	

Outcomes or decisions followed by family: (More than one option can be checked. Percentages are out of the total number of patients (401).)

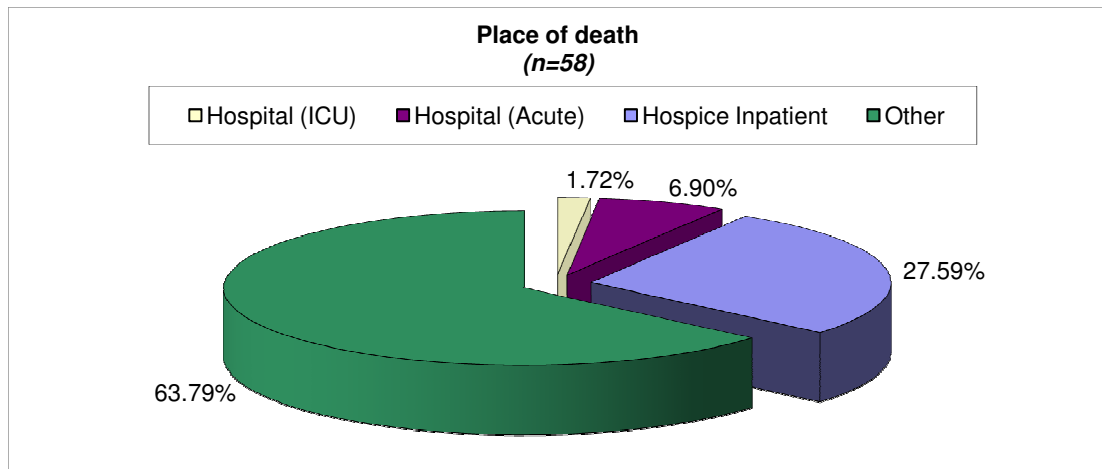
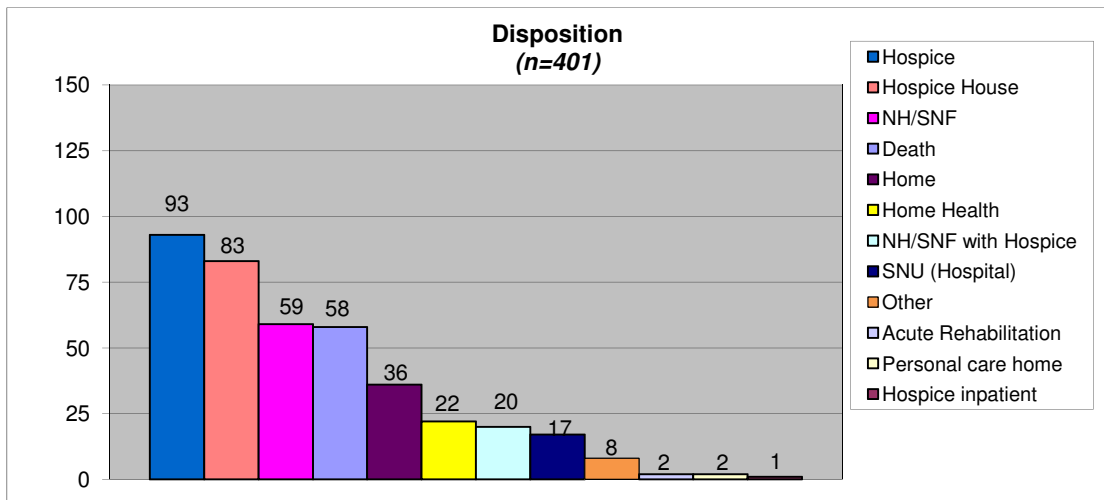
	n	%
Patient and family participated in family care conference	399	99.50
Pastoral Care referral	393	98.00
Involvement of own clergy for spiritual support	276	68.83
Total	1068	

PCT Data Collection - Tool

Total number of Palliative Care consults completed during 2009: 401



PCT Data Collection Tool - Outcomes



PCT Data Collection - Tool

Total number of patients discharged during January through December 2009:
The data throughout this report that are noted as missing data were checked.

36

Gender:	n	%
Male	18	50.00
Female	18	50.00
Total	36	100.00

Marital Status:	n	%
Single	7	19.44
Married	16	44.44
Divorced	2	5.56
Separated	0	0.00
Widowed	11	30.56
Total	36	100.00

County of Residence:

In State:	n	%	n	%	
Barbour	0	0.00	Mineral	0	0.00
Berkeley	0	0.00	Mingo	0	0.00
Boone	0	0.00	Monongalia	0	0.00
Braxton	0	0.00	Monroe	0	0.00
Brooke	0	0.00	Morgan	0	0.00
Cabell	0	0.00	Nicholas	0	0.00
Calhoun	0	0.00	Ohio	0	0.00
Clay	0	0.00	Pendleton	0	0.00
Doddridge	1	2.86	Pleasants	0	0.00
Fayette	0	0.00	Pocahontas	0	0.00
Gilmer	0	0.00	Preston	0	0.00
Grant	0	0.00	Putnam	0	0.00
Greenbrier	0	0.00	Raleigh	0	0.00
Hampshire	0	0.00	Randolph	0	0.00
Hancock	0	0.00	Ritchie	1	2.86
Hardy	0	0.00	Roane	0	0.00
Harrison	30	85.71	Summers	0	0.00
Jackson	0	0.00	Taylor	0	0.00
Jefferson	0	0.00	Tucker	0	0.00
Kanawha	0	0.00	Tyler	0	0.00
Lewis	1	2.86	Upshur	1	2.86
Lincoln	0	0.00	Wayne	0	0.00
Logan	0	0.00	Webster	0	0.00
Marion	1	2.86	Wetzel	0	0.00
Marshall	0	0.00	Wirt	0	0.00
Mason	0	0.00	Wood	0	0.00
McDowell	0	0.00	Wyoming	0	0.00
Mercer	0	0.00	Total	35	100.00

Out of State:

n	%	n	%		
Alleghany, MD	0	0.00	Hickory, PA	0	0.00
Allegheny, PA	0	0.00	Johnson, KY	0	0.00
Athens, OH	0	0.00	Lawrence, KY	0	0.00
Bath, KY	0	0.00	Lawrence, OH	0	0.00
Belmont, OH	0	0.00	Lewis, KY	0	0.00
Boyd, KY	0	0.00	Magoffin, KY	0	0.00
Brunswick, NC	0	0.00	Martin, KY	0	0.00
Carter, KY	0	0.00	Meigs, OH	0	0.00
Fayette, PA	0	0.00	Menifee, KY	0	0.00
Floyd, KY	0	0.00	Monroe, OH	0	0.00
Fulton, OH	0	0.00	Morgan, KY	0	0.00
Gallia, OH	0	0.00	Pike, KY	0	0.00
Garrett, MD	0	0.00	Rowan, KY	0	0.00
Greene, PA	0	0.00	Scioto, OH	0	0.00
Greenup, KY	0	0.00	Somerset, OH	0	0.00
Hardin, KY	0	0.00	Washington, PA	0	0.00
Hickory, PA	1	100.00	Total	1	100.00

Ethnicity:

n	%	n	%		
Black or African American	1	2.78	American Indian/Alaskan Native	0	0.00
White or Caucasian	35	97.22	Hispanic or Spanish	0	0.00
Asian or Pacific Islander	0	0.00	Other	0	0.00
Total	36	100.00	Total	36	100.00

Reason for Consult:

n	%	
Goal clarification	31	86.11
Psych/spiritual support of pt/family	0	0.00
Pain and symptom management	1	2.78
Disposition	4	11.11
Total	36	100.00

Only one answer could be marked.

Patient was admitted to:	n	%
Hospital	36	100.00
Nursing Home/SNF	0	0.00
Other	0	0.00
Total	36	100.00

Primary Diagnosis:	n	%
Cancer	17	47.22
Cardiac	5	13.89
AIDS	0	0.00
Renal	1	2.78
Pulmonary	4	11.11
Liver	1	2.78
Neurological	2	5.56
Noncardiac Vascular	0	0.00
Dementia	1	2.78
General disability	4	11.11
Sepsis	0	0.00
Multi-organ failure	1	2.78
Total	36	100.00

PPS at first contact: (n=36)	%
Average	36
Maximum	70
Minimum	10

Did patient have multiple chronic illnesses:	n	%
Yes	24	66.67
No	12	33.33
Total	36	100.00

Of the 24 that had multiple illnesses, note the following:	n	%
<=2	2	8.33
>2	22	91.67
Total	24	100.00

PPS Range	n	%
< = 50	33	91.67
> = 51	3	8.33
Total	36	100.00

Symptoms at initial assessment: Those who reported "yes" they had these symptoms. Percentages are <u>out of the total number of patients (36)</u> .					
	n	%		n	%
Pain	13	36.11	Nausea/Vomiting	2	5.56
Anorexia	8	22.22	Insomnia	0	0.00
Dysphasia	1	2.78	Weakness/malaise	18	50.00
Sore Mouth	0	0.00	Edema	3	8.33
Dyspnea	8	22.22	Restlessness	6	16.67
Cough	0	0.00	Confusion/delirium	3	8.33
Constipation	1	2.78	Anxiety	4	11.11
Diarrhea	1	2.78	Depression	3	8.33
			No symptoms	9	25.00
			Total	71	

Would you be surprised if the patient died in the next year?	n	%
Yes	0	0.00
No	36	100.00
Total	36	100.00

Do Not Resuscitate:	n	%
Yes	13	36.11
No	23	63.89
Total	36	100.00

DNR Card:	n	%
Yes	5	13.89
No	31	86.11
Total	36	100.00

DNR initiated by PCT:	n	%
Yes	5	38.46
No	8	61.54
Total	13	100.00

DNR Card initiated by PCT:	n	%
Yes	2	40.00
No	3	60.00
Total	5	100.00

Advanced Directives

Living Will:	n	%
Yes	6	16.67
No	30	83.33
Total	36	100.00

Medical Power Of Attorney:	n	%
Yes	17	47.22
No	19	52.78
Total	36	100.00

Health Care Surrogate:	n	%
Yes	8	22.22
No	28	77.78
Total	36	100.00

Legal Guardian:	n	%
Yes	0	0.00
No	35	97.22
Parent of Minor	1	2.78
Total	36	100.00

POST Form completed:	n	%
Yes	0	0.00
No	36	100.00
Total	36	100.00

Did patient have decision making capacity at time of first visit?	n	%
Yes	15	41.67
No	18	50.00
Unable to determine	3	8.33
Total	36	100.00

Of the 18 patients WITHOUT decision making capacity the following advanced directives were noted:

Of the 253 patients WITHOUT decision making capacity:	n	%
Yes	3	16.67
No	15	83.33
Total	18	100.00

Medical Power Of Attorney:	n	%
Yes	9	50.00
No	9	50.00
Total	18	100.00

Health Care Surrogate:	n	%
Yes	5	27.78
No	13	72.22
Total	18	100.00

Legal Guardian:	n	%
Yes	0	0.00
No	17	94.44
Parent of Minor	1	5.56

capacity the following advanced directives were noted: 18 100.00

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	0	0.00
MPOA or HCS appointed	14	77.78
Legal Guardian appointed	0	0.00
Neither MPOA or HCS appointed	4	22.22
Total	18	100.00

Living will initiated by PCT:	n	%
Yes	0	0.00
No	6	100.00
Total	6	100.00

MPOA initiated by PCT:	n	%
Yes	3	17.65
No	14	82.35
Total	17	100.00

HCS initiated by PCT:	n	%
Yes	2	25.00
No	6	75.00
Total	8	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

POST Form initiated by PCT:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

Living will initiated by PCT:	n	%
Yes	0	0.00
No	3	100.00
Total	3	100.00

MPOA initiated by PCT:	n	%
Yes	1	11.11
No	8	88.89
Total	9	100.00

HCS initiated by PCT:	n	%
Yes	1	20.00
No	4	80.00
Total	5	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

Advance Directives of any kind appointed:	n	%
Yes	14	77.78
No	4	22.22
Total	18	100.00

Of the 15 patients WITH decision making capacity the following advanced directives were noted:

Living Will:	n	%
Yes	2	13.33
No	13	86.67
Total	15	100.00

Medical Power Of Attorney:	n	%
Yes	7	46.67
No	8	53.33
Total	15	100.00

Health Care Surrogate:	n	%
Yes	2	13.33
No	13	86.67
Total	15	100.00

Legal Guardian:	n	%
Yes	0	0.00
No	15	100.00
Parent of Minor	0	0.00
Total	15	100.00

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	0	0.00
MPOA or HCS appointed	9	60.00
Legal Guardian appointed	0	0.00
Neither MPOA or HCS appointed	6	40.00
Total	15	100.00

Of the 3 patients WITH an undetermined decision making capacity the following advanced directives were noted:

MPOA and Health Care Surrogate appointment:	n	%
Both MPOA and HCS appointed	0	0.00
MPOA or HCS appointed	2	66.67
Legal Guardian appointed	0	0.00
Neither MPOA or HCS appointed	1	33.33
Total	3	100.00

Living will initiated by PCT:	n	%
Yes	0	0.00
No	2	100.00
Total	2	100.00

MPOA initiated by PCT:	n	%
Yes	2	28.57
No	5	71.43
Total	7	100.00

HCS initiated by PCT:	n	%
Yes	1	50.00
No	1	50.00
Total	2	100.00

Legal Guardian initiated by PCT:	n	%
Yes	0	#DIV/0!
No	0	#DIV/0!
Total	0	#DIV/0!

Advance Directives of any kind appointed:	n	%
Yes	10	66.67
No	5	33.33
Total	15	100.00

Advance Directives of any kind appointed:	n	%
Yes	2	66.67
No	1	33.33
Total	3	100.00

Of those 15 patients WITH decision making capacity at time of first visit, 4 had pain scale scores for both the initial pain assessment and the 48 hour assessment.

The difference in pain scores between the two assessments.			
	n	%	
Higher	0	0.00	
Lower	3	75.00	
No Change	1	25.00	
Total	4	100.00	

The difference in pain scores between the two assessments, with 0's for both initial and 48 hour removed.			
	n	%	
Higher	0	0.00	
Lower	3	75.00	
No Change	1	25.00	
Total	4	100.00	

Of the 1 patient with no change in pain score from initial assessment to 48 hours, the following pain scores was reported:

Time1 /Time 2	n	%		Time1 /Time 2	n	%	
0/0	0	0.00		6/6	0	0.00	
1/1	0	0.00		7/7	0	0.00	
2/2	0	0.00		8/8	0	0.00	
3/3	0	0.00		9/9	0	0.00	
4/4	0	0.00		10/10	0	0.00	
5/5	1	100.00		Total	1	100.00	

Of the 3 patients that experienced a decrease in pain score from initial assessment to 48 hours, the following changes were noted:

	n	Time 1	Time 2	Difference in Pain Scores
	1	4	2	-2
	1	6	4	-2
	1	10	6	-4

Of those 15 patients WITH decision making capacity at time of first visit, 5 had Dyspnea Assessments for both the initial assessment and the 48 hour assessment.

The difference between the two assessments.			
	n	%	
Higher	1	20.00	
Lower	0	0.00	
No Change	4	80.00	
Total	5	100.00	

The difference in between the two assessments, with 0's for both initial and 48 hour removed.			
	n	%	
Higher	1	25.00	
Lower	0	0.00	
No Change	3	75.00	
Total	4	100.00	

Of those 15 patients WITH decision making capacity at time of first visit, 5 had Weakness/Fatigue Assessments for both the initial assessment and the 48 hour assessment.

The difference between the two assessments.			
	n	%	
Higher	0	0.00	
Lower	0	0.00	
No Change	5	100.00	
Total	5	100.00	

The difference in between the two assessments, with 0's for both initial and 48 hour removed.			
	n	%	
Higher	0	0.00	
Lower	0	0.00	
No Change	5	125.00	
Total	5	125.00	

Treatments in use and changes while PCT involved in care:

How to interpret the data: (Information reported reflects only those variables that were marked, no assumptions can be made.)

The patient(s) can be using or not using a treatment at the time palliative care gets involved. If the treatment is marked "in use" it can be stopped. If the treatment is marked "not in use" it can be avoided.

Example: Intravenous fluids: 27 patients (75.00%) were receiving intravenous fluids, 9 (25.00%) were not using the intravenous fluids.

Of the 27 patients using IV fluids, 8 (29.63%) discontinued use. Of the 9 patients not receiving IV fluids, 0 (0.00%) treatments were avoided.

Intravenous fluids	n	%
In use	27	75.00
Not in use	9	25.00
In use and stopped	8	29.63
Not in use and avoided	0	0.00

Intravenous antibiotics	n	%
In use	12	33.33
Not in use	24	66.67
In use and stopped	3	25.00
Not in use and avoided	0	0.00

Intravenous Vasopressors	n	%
In use	0	0.00
Not in use	36	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

TPN/PPN	n	%
In use	6	16.67
Not in use	30	83.33
In use and stopped	2	33.33
Not in use and avoided	0	0.00

Gastric feedings	n	%
In use	2	5.56
Not in use	34	94.44
In use and stopped	1	50.00
Not in use and avoided	0	0.00

Dialysis	n	%
In use	1	2.78
Not in use	35	97.22
In use and stopped	1	100.00
Not in use and avoided	0	0.00

Diagnostic labs	n	%
In use	10	27.78
Not in use	26	72.22
In use and stopped	2	20.00
Not in use and avoided	0	0.00

Diagnostic x-rays	n	%
In use	8	22.22
Not in use	28	77.78
In use and stopped	2	25.00
Not in use and avoided	0	0.00

Other Treatments	n	%
Albumin Infusions	0	0.00
CPR	0	0.00
Chest Tube	0	0.00
Feedings	0	0.00
G-Tube for drainage	0	0.00
IV Morphine PRN started	1	50.00
Intraaortic balloon pump	0	0.00
JP drain X3	1	50.00
K-runs	0	0.00
MRI under anesthesia	0	0.00
NG Tube	0	0.00
PICC	0	0.00
Telemetry	0	0.00
Trach	0	0.00
Biopsy	0	0.00

Mechanical ventilation	n	%
In use	2	5.56
Not in use	34	94.44
In use and stopped	2	100.00
Not in use and avoided	0	0.00

BIPAP or CPAP	n	%
In use	3	8.33
Not in use	33	91.67
In use and stopped	1	33.33
Not in use and avoided	0	0.00

Transfusions	n	%
In use	2	5.56
Not in use	34	94.44
In use and stopped	0	0.00
Not in use and avoided	0	0.00

Chemotherapy	n	%
In use	5	13.89
Not in use	31	86.11
In use and stopped	2	40.00
Not in use and avoided	0	0.00

Radiation Therapy	n	%
In use	0	0.00
Not in use	36	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

Surgery	n	%
In use	1	2.78
Not in use	35	97.22
In use and stopped	0	0.00
Not in use and avoided	0	0.00

ICU Admission to the floor	n	%
In use	0	0.00
Not in use	36	100.00
In use and stopped	0	#DIV/0!
Not in use and avoided	0	0.00

Other	n	%
In use	2	5.56
Not in use	34	94.44
In use and stopped	0	0.00
Not in use and avoided	0	0.00

	n	%
Trach & Peg	0	0.00
Bronchoscopy	0	0.00
Card. Gtt	0	0.00
Continued EEG monitoring	0	0.00
Epidural Catheter	0	0.00
Epidural Pump	0	0.00
Moved from ICU	0	0.00
Paracentesis	0	0.00
Pericardial drain	0	0.00
Pressors	0	0.00
Pulse Ox	0	0.00
Wound Vac	0	0.00
Total	2	100.00

Discharge Summary:

Even after discharge the palliative care teams continue to track and follow-up with their patients.

A total of 10 (27.78%) patients died while being followed by the palliative care teams during 2009.

Disposition:	n	%
<i>Data reported for the following is strictly based on what happened to the patient on their exact discharge date.</i>		
Death	10	27.78
SNU (Hospital)	0	0.00
PCU	0	0.00
NH/SNF	3	8.33
Home	6	16.67
Hospice	10	27.78
Home Health	3	8.33
Hospital (Transfer)	0	0.00
Hospice inpatient	0	0.00
NH/SNF with Hospice	1	2.78
Personal care home	0	0.00
Acute Rehabilitation	0	0.00
Hospice House	0	0.00
LTAC	0	0.00
Team services no longer needed	0	0.00
Other	3	8.33
Total	36	100.00

Place of Death:	n	%
<i>Data reported for the following is based on the patient dying on the date of discharge.</i>		
Hospital (ICU)	1	10.00
Hospital (Acute)	9	90.00
Personal Care Home	0	0.00
Home	0	0.00
SNU (Hospital)	0	0.00
NH/SNF	0	0.00
Hospice Inpatient	0	0.00
Hospice House	0	0.00
PCU	0	0.00
Home Health	0	0.00
Hospice	0	0.00
NH/SNF with Hospice	0	0.00
Acute Rehabilitation	0	0.00
Other	0	0.00
Total	10	100.00

Of those 10 patients who died the following were designated:

Primary Diagnosis:	n	%
Cancer	3	30.00
Cardiac	2	20.00
AIDS	0	0.00
Renal	0	0.00
Pulmonary	1	10.00
Liver	1	10.00
Neurological	0	0.00
Noncardiac Vascular	0	0.00
Dementia	0	0.00
General Disability	2	20.00
Sepsis	0	0.00
Mult-organ failure	1	10.00
Total	10	100.00

Interventions by PCT: (More than one option can be checked. Percentages are out of the total number of patients (36).)

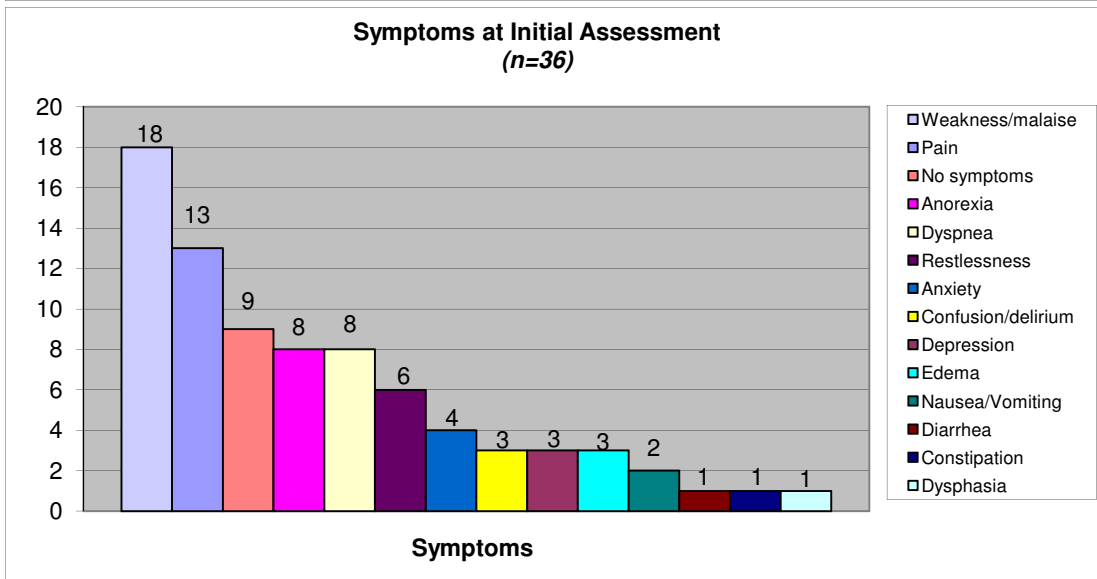
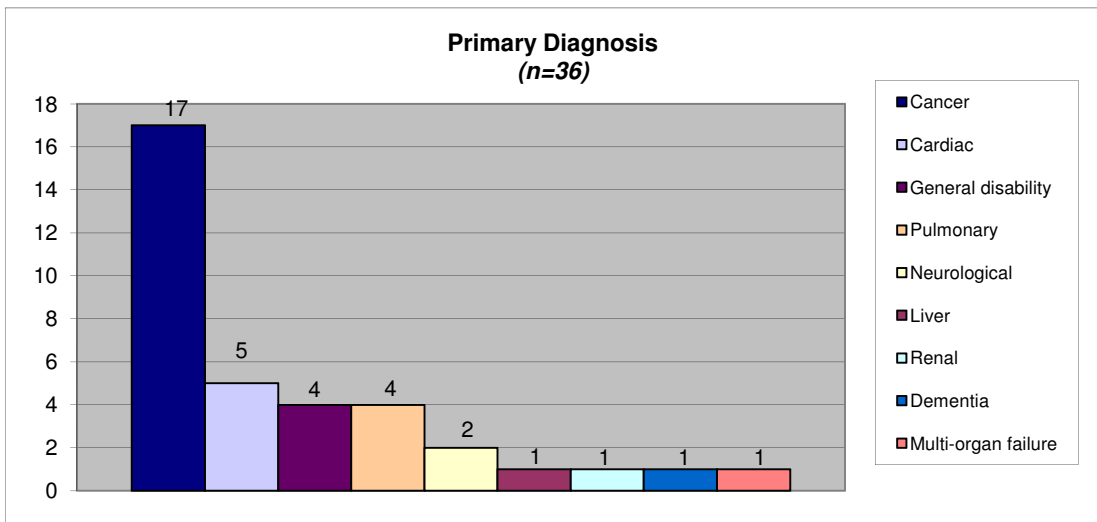
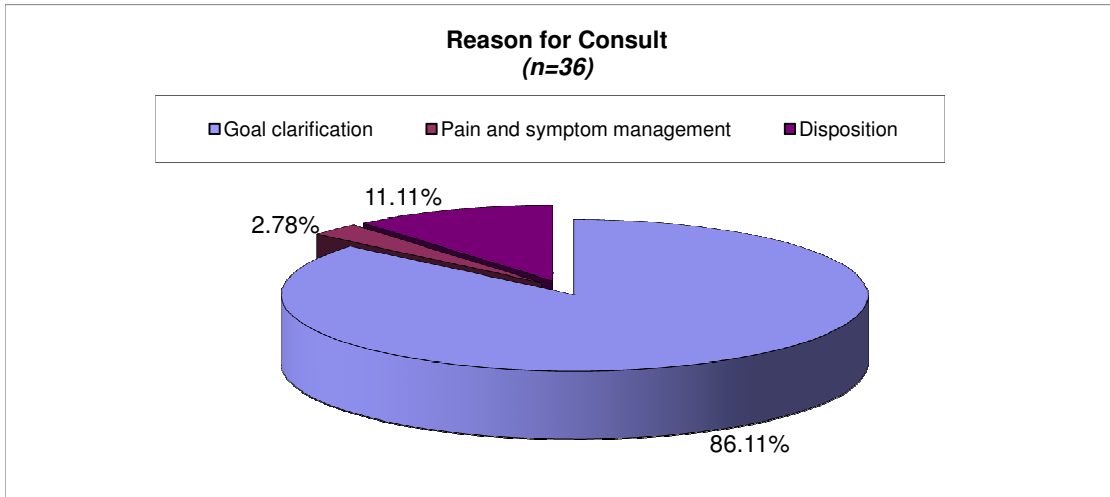
	n	%
Education about the process of their disease, prognosis and options for care.	28	77.78
Conduct a patient and family care conference with appropriate members of the interdisciplinary team.	21	58.33
Education about the benefits and burdens of specific treatments or potential interventions.	27	75.00
Provide information about spiritual care services or counseling services available.	23	63.89
Provide individual education and support to families and unlicensed caregivers to assure safe and appropriate care after discharge.	19	52.78
Provide pain and symptom management recommendations.	21	58.33
Education about the signs and symptoms of imminent death or dying process in a timely, culturally appropriate manner.	7	19.44
Hospice option for care was presented at this admission.	11	30.56
Total	157	

Outcomes or decisions followed by family: (More than one option can be checked. Percentages are out of the total number of patients (36).)

	n	%
Patient and family participated in family care conference	28	77.78
Pastoral Care referral	8	22.22
Involvement of own clergy for spiritual support	8	22.22
Total	44	

PCT Data Collection - Tool

Total number of Data Collection Tool Surveys returned during 2009: 36



PCT Data Collection Tool - Outcomes

