

Date	Patient number	Age	Procedure performed	Comorbidities	Opiate naïve status	Start/stop time	Amt dilaudid	Amt versed
7/31/13	1	50 F	Abscess drainage	Admitted 7/24 as IP for TAH for fibroids then for drainage of pelvic abscess; HTN; d/c to home 8/2/13	Y	9:33a 10:30a	1 mg@ 9:55a 1 mg@ 10:22a Sum 2 Ave 1	1 mg@ 9:56a 1 mg@ 10:21a Sum 2 Ave 1
7/31/13	2	59 F	TLC	Admitted as IP 7/31 for CP; HTN, thyroid disease; d/c 8/2	Y	3:40p 5:49p	1 mg @3:45p 1 mg@ 4:27p Sum 2 Ave 1	1 mg@ 3:46p 1 mg@ 4:27p Sum 2 Ave 1
7/30/13	3	49 M	PCNL	Admitted as an IP 7/29 for PCNL; DM; d/c 8/1	Y	9a 9:35a	2 mg@ 9:10a Sum 2 Ave 2	2 mg@ 9:10a Sum 2 Ave 2
7/29/13	4	49 M	PCNL	Admitted as an IP 7/29 for PCNL; DM; d/c 8/1	Y	9:05a 10:15a	1 mg@ 9:25a 1 mg@ 9:44a Sum 2 Ave 1	2 mg@ 9:43a Sum 2 Ave 2
7/29/13	5	61 F	Biliary drainage catheter exchange	Admitted as IP 7/28 for biliary drain leakage; cholangioCA; pancreatitis, GERD, gallstones; d/c 7/30.	Lortab (2/19), MS Contin (/24), Percocet (10/18/12), Vicodin (11/16/12)	11a 12:15p	0.5 mg@ 11:34a 0.5 mg@ 11:51a Sum 2 Ave 0.5	1 mg@ 11:35a 1 mg@ 11:52a Sum 2 Ave 1
7/26/13	6	57 F	R iliac bone biopsy	Admitted 7/24 as IP for LBP with mass; arthritis, metastatic sarcoma; d/c 7/26	Y	1:25p 2:42p	1 mg@ 1:59p Sum 1 Ave 1	1 mg@ 1:59p Sum 1 Ave 1

7/26/13	7	32 F	L5 biopsy	Admitted 7/26 as IP for leg LE pain and weakness with mass seen at L5; cervical CA, d/c 8/16	Y	9:20a 10:05a	2 mg@ 9:43a Sum 2 Ave 2	2 mg@ 9:43a Sum 2 Ave 2
7/25/13	8	27 M	Infrapatellar biopsy	Admitted 7/25 as OP for ST mass; d/c 7/25	Lortab 7/17; norco 7/11	11a 11:45a	1 mg@ 10:59a 1 mg@ 11:23a Sum 2 Ave 1	2 mg@ 11:22a Sum 2 Ave 2
7/24/13	9	36 F	Paraortic biopsy	Admitted as OP 7/24 for paraortic mass bx; cervical CA, MVP, asthma; d/c 7/24	Vicodin 7/16; Percocet 7/16	9:01a 10:41a	2 mg@ 10:06a Sum 2 Ave 2	2 mg@ 10:07a Sum 2 Ave 2
7/23/13	10	50 M	Deep pelvic and RLQ drainages	Admitted as IP 7/22 for diverticulitis associated abd pain; d/c 7/25	Y	3:24p 5:12p	1 mg @3:56p 0.5 mg@ 4:05p 0.5 mg@ 4:40p Sum 2 Ave .67	1 mg@ 3:45p 0.5 mg@ 4:03p 0.5 mg@ 4:45p Sum 2 Ave .67
7/23/13	11	64 F	Liver biopsy	Admitted 7/19 as IP for FUIO, uveitis, DM, HTN; d/c 7/27	Y	9:12a 10:35a	1 mg@ 9:59a Sum 1 Ave 1	1 mg@ 9:58a Sum 1 Ave 1
7/22/13	12	67 F	Ascites drainage	Admitted 7/20 as IP for pelvic mass; epilepsy, hypothyroid; d/c 7/26	Percocet 7/7	10:35a 11:55a	1 mg@ 10:54a Sum 1 Ave 1	1 mg@ 10:53a 1 mg@ 11a Sum 2 Ave 1
7/22/13	13	43 M	Left pleural effusion drainage	Admitted 6/24 as IP for CABG for CAD; tonsillar abscess, HTN;	Norco 7/16	12:50p 1:41p	1 mg@ 1:17p	1 mg@ 1:17p

				d/c 7/24			Sum 1 Ave 1	Sum 1 Ave 1
7/19/13	14	57 M	PCNL	Admitted 7/19 as IP for PCNL; HTN, UC; d/c 7/25	Roxicet 2/22	3p 4p	1 mg@ 3:22p 1 mg@ 3:41p	1 mg@ 3:21p
							Sum 2 Ave 1	Sum 1 Ave 1
7/17/13	15	55 M	PICC	Admitted 7/8 as IP for duodenal perf; HTN, A fib, diverticulitis, fistula; d/c 7/19	Fentanyl 10/12; Lortab 12/28/12; norco 1/18; dilaudid 1/18; morphine 10/19/12; Percocet 4/14;	9a 9:42a	1 mg@ 9:28a	0
							Sum 1 Ave 1	
7/16/13	16	29 M	Hepatic artery embolization	Admitted 7/16 as IP d/p 30 ft fall; d/c 7/21	Y	12:25p 2:35p	1 mg@ 12:51p	1 mg@ 12:50p
							Sum 1 Ave 1	Sum 1 Ave 1
7/16/13	17	28 M	Toe biopsy	Admitted 7/15 as IP for osteomyelitis; DM, HTN; d/c 7/22	Y	2:54p 4:02p	1 mg@ 3:15p	1 mg@ 3:14p
							Sum 1 Ave 1	Sum 1 Ave 1
7/12/13	18	58 M	chemoembo	Admitted 7/11 as IP for TACE; SCC of larynx, HCC, HCV, thyroid nodule; d/c 7/19	Roxicet 7/3; Percocet 6/28	7:56a 9:05a	1 mg@ 8:33a	1 mg@ 8:33a
							Sum 1 Ave 1	Sum 1 Ave 1
7/11/13	19	49 F	Permacath	Admitted 7/10 as IP for ESRD; hypothyroidism, d/c 7/13	Y	9a 10a	1 mg@ 9:28a	1 mg@ 9:27a
							Sum 1 Ave 1	Sum 1 Ave 1
7/10/13	20	45 F	PCN	Admitted 7/9 as IP for hydronephrosis; cervical CA, sepsis,	MS Contin 6/13	12:30p 2:09p	0.5 mg@ 1:30p	0.5 mg@1:29p

				decub ulcer, HCV, DVT; d/c 7/11			Sum .5 Ave .5	Sum .5 Ave .5
7/9/13	21	54 M	Liver biopsy	Admitted as OP for 7/9 for liver biopsy; HCV, d/c 7/9	Y	10:20a 11:05a	1 mg@ 10:43a Sum 1 Ave 1	2 mg@ 10:42a Sum 2 Ave 2
7/8/13	22	70 M	Lung biopsy	Admitted 7/8 as OP for lung bx; h/o prostate CA, CVA, HTN; d/c 7/8	Y	8:48a 10:50a	1 mg@ 10:10a Sum 1 Ave 1	1 mg@ 10:08a Sum 1 Ave 1
7/5/13	23	61 M	Liver biopsy	Admitted 7/5 as OP for liver bx; HCV, HTN, DM; d/c 7/5	Y	9a 9:55a	1 mg@ 9:15a 1 mg@ 9:27a Sum 2 Ave 1	1 mg@ 9:13a 1 mg@ 9:28a Sum 2 Ave 1
7/3/13	24	55 M	Liver biopsy	Admitted as IP 7/1 for abd pain; HBV, d/c 7/4	Y	11:04a 12:03p	1 mg@ 11:22a Sum 1 Ave 1	1 mg@ 11:21a Sum 1 Ave 1
7/2/13	25	62 F	Lung biopsy	Admitted 7/2 as OP for lung biopsy; anal CA, rheumatoid OA; d/c 7/2/13	Y	9:49a 11:05a	1 mg@ 10:11a Sum 1 Ave 1	1 mg@ 10:10a Sum 1 Ave 1
7/2/13	26	38 M	Abscess drainage	Admitted 6/29 as IP for abscess drainage; IBD, pyoderma gangrenosum, TBI; d/c 7/9	Y	2p 2:42p	2 mg@ 2:04p Sum 2 Ave 2	2 mg@ 2:03p Sum 2 Ave 2
7/2/13	27	55 F	Lung biopsy	Admitted 7/1 for lung bx; seizure, HTN, HTN, thyroid goiter; d/c 7/2	Y	11:41a 12:20p	1 mg@ 11:58a 0.5 mg@ 12:04p Sum 1.5	1 mg@ 11:57a 0.5 mg@ 12:04p Sum 1.5 Ave .75

							Ave .75	
7/1/13	28	40 M	Peripancreatic biopsy	Admitted 6/24 as IP for diarrhea and abd pain; HIV/AIDS, chronic pancreatitis, prostate CA, HTN, abscesses; d/c 7/1	Y	9:09a 9:55a	1 mg@ 9:17a Sum 1 Ave 1	1 mg@ 9:17a Sum 1 Ave 1
7/1/13	29	56 F	Liver biopsy	Admitted 7/1 as OP for liver bx; HCV; d/c 7/1	Y	10:36a 11:25a	1 mg@ 10:53a 1 mg@ 11:14a Sum 2 Ave 1	1 mg@ 10:53a 1 mg@ 11:14a Sum 2 Ave 1
7/1/13	30	25 F	Left pleural drainage	Admitted 6/16 as IP with SOB, back pain and cough; PCP, AIDS, ATN, neutropenia, esophageal ulcer, seizure; d/c 7/8	Y	12:23p 1:55p	1 mg@ 1:49p Sum 1 Ave 1	1 mg@ 1:49p Sum 1 Ave 1
7/1/13	31	24 M	Pelvic mass biopsy	Admitted 6/30 as IP for pelvic mass; d/c 7/2	Y	3:18p 3:40p	1 mg@ 3:21p Sum 1 Ave 1	1 mg@ 3:21p Sum 1 Ave 1
6/28/13	32	39 F	Abscess drainage	Admitted 6/17 as IP for cecal and sigmoid masses; HTN, anemia, gastritis; d/c 6/30	Y	8:58a 9:20a	1 mg@ 9:07a 1 mg@ 9:13a Sum 2 Ave 1	1 mg@ 9:06a Sum 1 Ave 1
6/26/13	33	56 F	Abscess drainage	Admitted 6/19 as IP for hydrouretero-Nephrosis and colonic stricture; colon CA, renal caluli, hypothyroid,, hypercholesterol-Emia, hyperlipide-Mia; d/c 7/3	Percocet 11/28/12; Norco 4/22/13	1:21p 2:14p	1 mg@ 1:38p Sum 1 Ave 1	1 mg@ 1:37p 1 mg@ 1:54p Sum 2 Ave 1
6/24/13	34	53 M	Kidney biopsy	Admitted 6/24 as OP for renal transplant	Lortab 6/3; Percocet	10:20a 11:09a	1 mg@ 10:35a	0

				bx; CKD, HIV, glaucoma, syphilis, anemia, CHF, arthritis; d/c 6/24	11/28/12		1 mg@ 10:44a Sum 2 Ave 1	
6/19/13	35	61 M	Tunneled dialysis catheter	Admitted 6/16 with multiple med problems; colon CA, DM, HTN, CKD, renal calculi, HLD, 2dary HPT; d/c 6/20	Norco 5/16; Percocet 5/1	9:56a 11:10a	1 mg@ 10:18a Sum 1 Ave 1	1 mg@ 10:17a Sum 1 Ave 1
6/18/13	36	48 F	Tunneled dialysis catheter	Admitted 6/15 as IP for mult med problems; CKD, HTN, DM, COPD; d/c 6/27	Lortab 4/10	10a 11:12a	1 mg@ 10:36a 1 mg@ 10:39a Sum 2 Ave 1	1 mg@ 10:35a 1 mg@ 10:39a Sum 2 Ave 1
6/17/13	37	53 F	Tunneled dialysis catheter	Admitted 6/15 as IP for dialysis; ESRD, DM, HLD, HTN; d/c 6/20	Y	9:42a 12:05p	2 mg@ 11:54a Sum 2 Ave 2	2 mg@ 11:54a Sum 2 Ave 2
6/13/13	38	56 F	Liver biopsy	Admitted 6/13 for liver bx; HTN, HCV, LBP, CKD, DM, hypercholesterolemia; d/c 6/13	Y	12:35p 1p	1 mg@ 12:48p Sum 1 Ave 1	1 mg@ 12:47p Sum 1 Ave 1
6/13/13	39	38 F	Tunneled dialysis catheter	Admitted 6/11 as IP for dialysis; ESRD, HTN urgency; d/c 6/17	Y	1:17p 2p	2 mg @1:41p Sum 2 Ave 2	2 mg @1:40p Sum 2 Ave 2
6/12/13	40	53 F	Abscess drainage	Admitted 6/10 as IP for diverticulitis; high cholesterol, asthma, HTN, thyroid disease, GERD, DVT; d/c 6/17	Y	3:07p 3:51p	1 mg@ 3:20p 0.5 mg@ 3:34p Sum 1.5 Ave .75	1 mg@ 3:20p 0.5 mg@ 3:34p Sum 1.5 Ave .75
6/11/13	41	50	Biliary	Admitted 6/10 as IP	Percocet	2:05p	1 mg@	1 mg@

		M	exchange	for obstructive jaundice; stomach CA; d/c 6/15	4/25; lortab 7/28	2:41p	2:21p Sum 1 Ave 1	2:21p Sum 1 Ave 1
6/5/13	42	40 F	Liver biopsy	Admitted 6/5 as IP for liver bx; breast CA, HTN, asthma; d/c 6/5	Y	11:06a 1:05p	1 mg@ 12:39p 1 mg@ 12:54p Sum 2 Ave 1	1 mg@ 12:35p Sum 1 Ave 1
6/5/13	43	57 M	Hepatic angiogram	Admitted 6/4 as IP for TACE; cirrhosis, osteomyelitis, anemia, spine injury, liver CA, hernia; d/c 6/5	MS contin (5/30); oxycodone 2/27/13;	11:55a 12:55p	1 mg@ 12p Sum 1 Ave 1	1 mg@ 12p Sum 1 Ave 1
6/3/13	44	53 M	Renal biopsy	Admitted 6/3 as OP for renal biopsy; HTN, glaucoma, sleep apnea, HIV, syphilis, PCP, CHF; d/c 6/3	Percocet 11/29/12-12/9/12	12p 1:30p	1 mg@ 1:13p 1 mg@ 1:20p Sum 2 Ave 1	1 mg@ 1:12p Sum 1 Ave 1
6/3/13	45	61 F	I-E biliary drain	Admitted 6/2 as IP for decreasing PTC drain output; pancreatitis, GERD, gallstones, anemia; d/c 6/3	Lortab (2/19), MS Contin (/24), Percocet (10/18/12), Vicodin (11/16/12)	11:21a 11:55a	1 mg@ 11:34a Sum 1 Ave 1	1 mg@ 11:34a Sum 1 Ave 1
5/30/13	46	60 F	Liver biopsy	Admitted 5/30 as OP for liver bx; HTN, transaminitis; d/c 5/30	Y	11:04a 12:15p	1 mg@ 11:35a Sum 1 Ave 1	1 mg@ 11:35a Sum 1 Ave 1
5/30/13	47	62 F	LN biopsy	Admitted 5/28 as IP for mult med problems; DM, AKI, HTN; d/c 5/31	Y	8:41a 11a	1 mg@ 8:56a Sum 1 Ave 1	1 mg@ 8:55a Sum 1 Ave 1
5/30/13	48	60	chemoembo	Admitted 5/29 as IP	Roxicodone	8:28a	1 mg@	1 mg@

		M		for TACE; HCV, liver mass, HTN, TB, GERD; d/c 5/31	5/16;	9:43a	9:07a	9:07a
							Sum 1 Ave 1	Sum 1 Ave 1
5/29/13	49	59 M	RUQ biopsy	Admitted 5/28 as IP for abd pain; nephrolithiasis, , lymphoma; d/c 5/30	Y	3:19p 4p	1 mg@ 3:32p	1 mg@ 3:30p
							Sum 1 Ave 1	Sum 1 Ave 1
5/29/13	50	90 F	B PCN	Admitted 5/28 as IP for SOB, abd/leg pain; DM, thyroid disease, HTN; d/c 5/30	Y	1:05p 2:10p	0.5 mg @1:21p 0.5 mg @1:22p	0.5 mg @1:21p 0.5 mg @1:22p
							Sum 1 Ave .5	Sum 1 Ave .5
5/25/13	51	58 M	Tunneled dialysis catheter	Admitted as 5/25 as IP for dialysis catheter which had fallen out; CHF, ESRD, schizophrenia, HTN, HCV; d/c 5/25	Y	5:35p 7:06p	0.5 mg@ 5:46p	1 mg@ 5:45P
							Sum .5 Ave .5	Sum 1 Ave 1
5/23/13	52	35 M	Perihepatic and pelvic drainages	Admitted 5/12 s/p GSW and intraabdominal abscess; d/c 5/27	Y	10:06a 11:35a	2 mg@ 10:51a	2 mg@ 10:35a 1 mg@ 11:04a
							Sum 2 Ave 2	Sum 3 Ave 1.5
5/17/13	53	64 M	Tunneled dialysis catheter	Admitted 5/16 as IP for SOB; substance abuse, HTN, DM, gout, HLD, ESRD; d/c 5/22	Percocet 5/9	2:45p 3:20p	1 mg@ 3:06p	1 mg@ 3:05p
							Sum 1 Ave 1	Sum 1 Ave 1
5/17/13	54	62 M	Tunneled dialysis catheter	Admitted 5/13 as IP for SOB from CHF; pulmonary HTN, DM, HTN, CKD, CVA, CHF, CVA; d/c 5/23	Y	12:30p 1:25p	1 mg@ 1:05p	1 mg@ 1:04p
							Sum 1 Ave 1	Sum 1 Ave 1
5/16/13	55	28 F	Lung biopsy	Admitted 5/15 as IP for lung, adrenal and liver lesions; HIV, depression, FUO, oral	Y	1:28p 2:23p	0.5 mg@ 1:39p	0.5mg@ 1:39p

				ulcer, lymphoma; d/c 5/17			Sum .5 Ave .5	Sum .5 Ave .5
5/14/13	56	45 M	Liver biopsy	Admitted 5/14 as OP for liver biopsy; HCV, asthma; d/c 5/14	Y	9:10a 9:25a	1 mg@ 9:05a Sum 1 Ave 1	1 mg@ 9:04a Sum 1 Ave 1
5/10/13	57	56 M	RPCN	Admitted 5/10 as IP for drainage of blocked anastomosis of ileal conduit; HTN, DM, renal d/o; d/c 5/15	Y	1:56p 3p	1 mg@ 2:05p Sum 1 Ave 1	1 mg@ 2:06p 1 mg@ 2:09p Sum 2 Ave 1
5/10/13	58	46 F	Tunneled dialysis catheter	Admitted 5/8 as IP for N/V; ESRD, HTN, DM, COPD; d/c 5/13	Lortab 4/10-4/16	11:24a 12p	1 mg@ 11:33a Sum 1 Ave 1	1 mg@ 11:34a Sum 1 Ave 1
5/9/13	59	27 M	Kidney biopsy	Admitted 5/9 as Op for kidney bx; HTN, HLD, nephritic syndrome; d/c 5/9	Y	8:23a 9:40a	1 mg@ 9:31a Sum 1 Ave 1	1 mg@ 9:31a Sum 1 Ave 1
5/8/13	60	53 M	Left axillary mass biopsy	Admitted 5/4 as IP for cellulitis and axillary abscess; HTN, DM; d/c 5/9	Percocet 5/2-5/9	4:05p 4:55p	1 mg@ 4:09p Sum 1 Ave 1	1 mg@ 4:07p 1 mg@ 4:17p Sum 2 Ave 1
5/8/13	61	25 M	Left psoas drainage	Admitted 5/6 as IP for tx of abscess; d/c 5/13	Percocet 5/1-5/22	9:30a 11:15a	1 mg@ 10:49a Sum 1 Ave 1	1 mg@ 10:48a Sum 1 Ave 1
5/7/13	62	56 F	Liver biopsy	Admitted 5/7 as OP for liver bx; HBV, DM, HLD, HTN, CAD; d/c 5/7	Y	9:58a 10:20a	1 mg@ 10:11a Sum 1 Ave 1	1 mg@ 10:11a Sum 1 Ave 1
5/6/13	63	44 M	biloma	Admitted 4/22 for MVA with bowel	Y	3:10p 4p	1 mg@ 3:22p	1 mg@ 3:22p

							Ave .5	Ave 1
4/30/13	70	52 F	Liver biopsy	Admitted 4/30 for liver bx; HCV, STD, DUB; d/c 4/30	Y	9:40a 10:15a	1 mg@ 9:44a Sum 1 Ave 1	1 mg@ 9:43a Sum 1 Ave 1
4/30/13	71	44 M	Biloma drainage	Admitted 4/22 for MVA with bowel evisceration and liver lac; d/c 5/9	Y	2:27p 3:22p	2 mg@ 2:32P Sum 2 Ave 2	1 mg@ 2:33P Sum 1 Ave 1
4/30/13	72	24 M	IVC filter removal	Admitted 4/30 as an OP for IVC filter removal; PE, sickle cell disease, pneumonia, osteomyelitis, HTN; d/c 4/30	Dilaudid 11/3/12; Percocet 1/3/13; roxicet 4/1/12; roxicodone 3/1/13; Percocet 7/28/12[9:02a 9:30a	1 mg@ 9:10a 1 mg@ 9:12a Sum 2 Ave 2	1 mg@ 9:09a 1 mg@ 9:10a 1 mg@ 9:24a Sum 3 Ave 1
4/29/13	73	58 M	Liver biopsy	Admitted as OP for liver bx; HCV, HTN; d/c 4/29	Y	8:26a 9 a	1 mg@ 8:41a Sum 1 Ave 1	1 mg@ 8:41a Sum 1 Ave 1
4/29/13	74	62 M	Lung biopsy	Admitted as OP for lung bx 4/29; CA, arthritis; d/c 4/29	Vicodin 4/18-5/7/13	9:47a 10:45a	1 mg@ 10:19a Sum 1 Ave 1	1 mg@ 10:19a Sum 1 Ave 1
4/29/13	75	49 F	TJLB	Admitted 4/29 as OP for TJLB; HTN, DM, HCV; d/c 4/29	Y	9:23a 11a	1 mg@ 9:59a Sum 1 Ave 1	1 mg@ 9:59a 1 mg@ 10:28a Sum 2 Ave 1
4/25/13	76	39 F	Liver biopsy	Admitted 4/25 as OP for liver bx; HIV, breast CA, anemia; d/c 4/25	Percocet 3/26/13 - 4/5/13	9:56a 10:55a	1 mg@ 10:15a Sum 1 Ave 1	1 mg@ 10:15a Sum 1 Ave 1

4/24/13	77	44 M	Lung bx	Admitted 3/24 as IP for hemothorax with lung mass; CKD, HLD, CAD, CA, tremors, sinusitis; d/c 4/29	Y	2:23p 4:35p	1 mg@ 4:15p	1 mg@ 3:01p
							Sum 1 Ave 1	Sum 1 Ave 1
4/24/13	78	57 M	Liver bx	Admitted 4/24 for liver bx; cirrhosis, osteomyelitis, anemia, hernia, liver CA	Oxycodone 2/27/13 – 7/28/13	10:15a 11a	1 mg@ 10:32a	1 mg@ 10:31a
							Sum 1 Ave 1	Sum 1 Ave 1
4/24/13	79	28 M	Tunneled catheter removal	Admitted 4/24 as OP for catheter removal; resp failure, anemia; heart attack; colon injury, kidney injury; ileus; liver injury; GSW; ARDS; d/c 4/24	Percocet 3/30/13 – 4/8/13; roxicet 4/18/13 – 4/29/13	9:55a 10:20a	1 mg@ 10:07a	1 mg@ 10:06a
							Sum 1 Ave 1	Sum 1 Ave 1
4/24/13	80	60 M	Chemoembo	Admitted 4/23 as IP for TACE; HCC, HTN, HCV, TB, GERD; d/c 4/25	Y	11:15a 12:20p	1 mg@ 11:29a	1 mg@ 11:28a
							Sum 1 Ave 1	Sum 1 Ave 1
4/23/13	81	60 M	Liver biopsy	Admitted 4/23 as OP for liver bx; HTN, GERD, HCV, DM; d/c 4/23	Percocet 12/12/12 – 1/11/13	9:19a 11:10a	2 mg@ 11:02a	2 mg@ 11:02a
							Sum 2 Ave 2	Sum 2 Ave 2
4/23/13	82	34 M	Kidney biopsy	Admitted 4/23 as OP for liver bx; pericardial effusion, anemia, CKD; d/c 4/24	Y	9a 9:55a	1 mg@ 9a	1 mg@ 9a
							Sum 1 Ave 1	Sum 1 Ave 1
4/23/13	83	56 M	Kidney biopsy	Admitted 4/23 as OP for kidney bx; HTN, CAD; d/c 4/23	Y	3p 3:30p	1 mg@ 3:20p	1 mg@ 3:20p
							Sum 1 Ave 1	Sum 1 Ave 1
4/23/13	84	45 F	PCN replacement	Admitted 4/23 for PCN replacement (it had been displaced); B hydronephrosis, cervical CA, HCV, GERDS; d/c 4/23	Y	3:10p 5p	0.25 mg@ 3:34p	0.25 mg@ 3:39p
							Sum .25	Sum .25 Ave .25

							Ave .25	
4/22/13	85	65 F	Lung biopsy	Admitted 4/22 for lung bx as an OP; kidney stones, HTN, CA; d/c 4/22	Y	10:55a 12:15p	0.5 mg@ 11:42a Sum .5 Ave .5	0.5 mg@ 11:41a Sum .5 Ave .5
4/22/13	86	50M	Brush biopsy	Admitted 4/13 as IP for obstructive jaundice; gastric CA; d/c 4/25	Y	10:19a 11:55a	1 mg@ 10:51a 1 mg@ 11:40a Sum 2 Ave 1	1 mg@ 10:51a 1 mg@ 11:40a Sum 2 Ave 1
4/19/13	87	50M	Cholangiogram and I-E catheter exchange	Admitted 4/13 as IP for obstructive jaundice; gastric CA; d/c 4/25	Lortab 7/28/12 – 4/13/13	9:29a 10:45a	1 mg@ 10:20a Sum 1 Ave 1	1 mg@ 10:20a Sum 1 Ave 1
4/18/13	88	65F	Abdominal drainage	Admitted 4/18 as IP for abdominal drainage; arthritis; d/c 4/24	Y	9:34a 10:34a	1 mg@ 9:48a Sum 1 Ave 1	1 mg@ 9:47a Sum 1 Ave 1
4/18/13	89	39 M	Tunneled dialysis catheter	Admitted 3/22 as IP for septic shock, HIV, renal disorder; d/c 4/19	Y	3:38p 4:35p	1 mg@ 3:51p Sum 1 Ave 1	1 mg@ 3:51p Sum 1 Ave 1
4/17/13	90	45 F	IVC filter placement	Admitted 4/17 as OP for IVC filter placement; fibroids, HTN, obesity, DM, high cholesterol, GERD; d/c 4/17	Y	9:14a 10:24a	1 mg@ 9:23a 1 mg@ 9:34a Sum 2 Ave 1	1 mg@ 9:22a 1 mg@ 9:27a Sum 2 Ave 1
4/16/13	91	67F	PCN and abscess drainage	Admitted 4/14 as IP for back pain and hardware infection; HTN, DM; d/c 5/11	Y	3:09p 3:55p	1 mg@ 3:13p Sum 1 Ave 1	1 mg@ 3:29p Sum 1 Ave 1
4/15/13	92	70M	PCNL	Admitted 4/15 as IP for PCNL; HTN, CAD,	Percocet 4/19/13 –	9:45a 11a	1 mg@ 9:56a	1 mg@ 9:55a

				COPD, CHF; d/c 4/19	4/29/13		1 mg@ 10:01a	1 mg@ 10a
							Sum 2 Ave 1	Sum 2 Ave 1
4/14/13	93	44M	Hip aspiration	Admitted 4/13 as IP for septic hip; IVDA, HCV; d/c 4/17	Y	12:35a 1:10a	1 mg@ 12:36a 1 mg@ 12:41a	1 mg@ 12:35a 1 mg@ 12:40a 2 mg@ 12:47a
							Sum 2 Ave 1	Sum 4 Ave 1.3
4/12/13	94	25M	Biopsy of thigh lesion and sacral lesion	Admitted 4/10 as IP for decub ulcer and swelling of LE; paraplegia, osteomyelitis, abscess, neurogenic bladder; d/c 4/21	Y	12:55p 1:54p	1 mg@ 12:55p	1 mg@ 12:55p
							Sum 1 Ave 1	Sum 1 Ave 1
4/10/13	95	50M	Lung biopsy	Admitted 4/9 as IP for lung mass; d/c 4/10	Y	9:35a 12p	1 mg@ 11:23a	1 mg@ 11:22a
							Sum 1 Ave 1	Sum 1 Ave 1
4/9/13	96	56M	Liver biopsy	Admitted 4/8 as IP for cirrhosis and liver lesion; DM, HTN, BPH, HCV, HCC, anemia, gallstones; d/c 4/10	Roxicet 3/28/13 – 4/10/13	9a 9:33a	1 mg@ 9:10a 1 mg@ 9:19a	1 mg@ 9:10a 1 mg@ 9:19a
							Sum 2 Ave 1	Sum 2 Ave 1
4/9/13	97	54M	Lung biopsy	Admitted 4/9 for lung bx as OP; arthritis, Horner's syndrome, CA; d/c 4/9	Norco 9/7/12 – 9/17/12 Vicodin 11/18/12 – 11/28/12 Percocet 3/28/13 – 4/8/13	11:16a 12:37p	1 mg@ 11:23a	1 mg@ 11:23a
							Sum 1 Ave 1	Sum 1 Ave 1
4/9/13	98	68F	Liver biopsy	Admitted 4/3 as IP for	Y	9:36a	1 mg@	1 mg@

				gallbladder mass; high cholesterol, HTN, CAD, hyperthyroidism, DM, CA; d/c 4/10		11a	10:32a	10:32a
							Sum 1 Ave 1	Sum 1 Ave 1
3/28/13	99	67F	Kidney biopsy	Admitted 3/28 as OP for random kidney biopsy	Y	9:13a 10a	1 mg@ 9:45a	1 mg@ 9:45a
3/27/13	100	51M	Lymph node biopsy	Admitted 3/26 as OP for biopsy of lymphoid mass in the abdomen; lymphoma, DM	Dilaudid prn	10:12a 11:28a	1 mg@ 10:27a	0

*Selected consecutively and retrospectively starting July 31, 2013

*only cases done by BU and TM in IR, US, or CT suite

*Patients older than 18 yo

* no prisoners or committed mental patients included

* patients who had been in house longer than 30 days were excluded from the study

* Wong pain scale at the start of the procedure as per the flowsheet was used; the first pain rating at transfer was used; average of the scores in the in between period with the range was also recorded

*dilaudid – administered by IR RN between start of procedure as per flowsheet and before transfer

*N/V – zofran or Phenergan or recorded in nurses notes within 6 hrs of receiving dilaudid

*patients receiving assistance from anesthesia were excluded

Date	Patient number	Age	Procedure performed	Pain rating	N/V	Narcan	Floor
7/31/13	1	50 F	Abscess drainage	*5 **2.4 (0-5) ***0	N	N	Floor – no events
7/31/13	2	59 F	TLC	*0 **0.8 (0-7) ***0	N	N	Floor – no events
7/30/13	3	49 M	PCNL	*0 **0 ***0	N	N	PACU – no events
7/29/13	4	49 M	PCNL	*7 **0 ***0	Zofran 4 mg 11:08a – part of anesthesia protocol	N	PACU/OR – no events
7/29/13	5	61 F	Biliary drainage catheter exchange	*0 **0 ***0	N	N	Floor – no events
7/26/13	6	57 F	R iliac bone biopsy	*0 **0 ***0	Zofran 4 mg@2:27p – CA	N	Floor – no events
7/26/13	7	32 F	L5 biopsy	*0 **0 ***0	N	N	PACU – no events
7/25/13	8	27 M	Infrapatellar biopsy	*10 **2.6 (0-8) ***0	N	N	Floor – no events
7/24/13	9	36 F	Paraortic biopsy	*5 **1.5 (0-5) ***0	N	N	Floor – no events
7/23/13	10	50 M	Deep pelvic and RLQ drainages	*0 **0.8 (0-4) ***0	N	N	Floor – no events
7/23/13	11	64 F	Liver biopsy	*0 **0 ***0	N	N	Floor – no events
7/22/13	12	67 F	Ascites drainage	*0 **0 ***0	N	N	Floor – no events
7/22/13	13	43 M	Left pleural effusion drainage	*0 **2.7 (0-4) ***0	N	N	Floor – no events
7/19/13	14	57 M	PCNL	*0 **0 ***0	N	N	PACU – no events
7/17/13	15	55 M	PICC	*0	N	N	Floor – no

				0 *0			events
7/16/13	16	29 M	Hepatic artery embolization	*0 **0.5 (0-8) ***0	Zofran 4 mg @5:15p – anesthesia protocol	N	Floor/OR/TICU – no events
7/16/13	17	28 M	Toe biopsy	*0 **0 ***0	N	N	Floor – no events
7/12/13	18	58 M	chemoembo	*0 **0 ***0	N	N	PACU – no events
7/11/13	19	49 F	Permacath	*0 **0 ***0	N	N	Floor – no events
7/10/13	20	45 F	PCN	*7 **3 (0-7) ***0	N	N	Floor – no events
7/9/13	21	54 M	Liver biopsy	*0 **0 ***0	N	N	PACU = no events
7/8/13	22	70 M	Lung biopsy	*0 **0.7 (0-4) ***0	N	N	PACU – no events
7/5/13	23	61 M	Liver biopsy	*0 **0 ***0	N	N	PACU – no events
7/3/13	24	55 M	Liver biopsy	*0 **0 ***0	N	N	PACU – no events
7/2/13	25	62 F	Lung biopsy	*0 **0 ***0	N	N	PACU – no events
7/2/13	26	38 M	Abscess drainage	*8 **3.6 (0 - 10) ***0 = 27	N	N	Floor – no events
7/2/13	27	55 F	Lung biopsy	*0 **0 ***0	Zofran 4 mg@ 4:54p – no Zofran on prn list, nno other narcotics,	N	PACU – no events

					nno prior c/o N/V, no other PMH that could cause N/V		
7/1/13	28	40 M	Peripancreatic biopsy	*0 **0 ***0	N	N	Floor – no events
7/1/13	29	56 F	Liver biopsy	*0 **0 ***0	N	N	PACU – no events
7/1/13	30	25 F	Left pleural drainage	*0 **0.5 (0 -5) ***0	N	N	Floor – no events
7/1/13	31	24 M	Pelvic mass biopsy	*0 **0 ***0	Zofran 4 mg IV 5:38 P Patient with CA	N	Floor – no events
6/28/13	32	39 F	Abscess drainage	*0 **0 ***0	N	N	Floor – no events
6/26/13	33	56 F	Abscess drainage	*0 **0 ***0	N	N	Floor – no events
6/24/13	34	53 M	Kidney biopsy	*0 **0 ***0	Phenergan 25 mg – allergic to versed – could have for sedation	N	PACU – no events
6/19/13	35	61 M	Tunneled dialysis catheter	*0 **0 ***0	N	N	Floor – no events
6/18/13	36	48 F	Tunneled dialysis catheter	*0 **0 ***0	N	N	Floor – no events
6/17/13	37	53 F	Tunneled dialysis catheter	*0 **0 ***0	N	N	Floor – no events
6/13/13	38	56 F	Liver biopsy	*0 **0 ***0	N	N	PACU – no events
6/13/13	39	38 F	Tunneled	*0	N	N	Floor – no

			dialysis catheter	**0 ***0			events
6/12/13	40	53 F	Abscess drainage	*0 **0.9 (0-4) ***0	N	N	Floor – no events
6/11/13	41	50 M	Biliary exchange	*0 **0 ***0	N	N	Floor/TICU – no events
6/5/13	42	40 F	Liver biopsy	*0 **0 ***0	N	N	PACU – no events
6/5/13	43	57 M	Hepatic angiogram	*2 **0.2 (0-2) ***0	N	N	PACU – no events
6/3/13	44	53 M	Renal biopsy	*0 **0 ***0	N	N	PACU – no events
6/3/13	45	61 F	I-E biliary drain	*0 **1.3 (0-5) ***0	N	N	PACU – no events
5/30/13	46	60 F	Liver biopsy	*0 **0 ***0	Zofran 4 mg IV@ 4:52p – no other causes for N/V	N	PACU – no events
5/30/13	47	62 F	LN biopsy	*0 **0 ***2	N	N	Floor – no events
5/30/13	48	60 M	chemoembo	*0 **0 ***0	Zofran 4 mg@ 12:29p – CA, N/V at other times during admission	N	PACU – no events
5/29/13	49	59 M	RUQ biopsy	*0 **0.7 (0-5) ***0	N	N	Floor – no events
5/29/13	50	90 F	B PCN	*0 **0 ***6	N	N	Floor – no events
5/25/13	51	58 M	Tunneled dialysis catheter	*0 **0 ***0	N	N	Floor – no events

5/23/13	52	35 M	Perihepatic and pelvic drainages	*0 **0 ***0	N	N	Floor – no events
5/17/13	53	64 M	Tunneled dialysis catheter	*0 **0 ***0	N	N	Floor/dialysis – no events
5/17/13	54	62 M	Tunneled dialysis catheter	*0 **0 ***0	N	N	PACU – no events
5/16/13	55	28 F	Lung biopsy	*0 **0 ***0	N	N	PACU – no events
5/14/13	56	45 M	Liver biopsy	*6 **0 ***0	N	N	PACU – no events
5/10/13	57	56 M	RPCN	*5 **0.3 (0-5) ***0	N	N	Floor/ER. At 3:26 p sats went to 89-91% and was drowsy but arousable and NAD. Pt had h/o bladder resection and had a right solitary kidney with obstruction at anastomosis – pt had PCN then admitted to urology; 98-100% O2 sat after 100% NR placed; PCN was placed at 2:30 p and Cr 3.5 at admission (baseline 2.3) with perinephric STS; other

							PMH: HTN, DM; O2 sat 94-100% until 2:35 p on 2 L NC; 93% and 93% at 2:40 p and 2:50 p; 98% at 5:20 p Most likely respiratory depression after stimulus of procedure d/c'ed
5/10/13	58	46 F	Tunneled dialysis catheter	*0 **0 ***0	Zofran 4 mg@ 11:32a – admitted with c/o N/V; ESRD	N	Floor/dialysis – low BP on dialysis per MD ie 1:30 p 79/40, 63/42, 80/50, 70/46; 1 p and before 96/54, 176/106 129/79 at 8 p TDC placed 11 am
5/9/13	59	27 M	Kidney biopsy	*0 **0 ***0	N	N	PACU – no events
5/8/13	60	53 M	Left axillary mass biopsy	*0 **0 ***0	N	N	Floor – no events
5/8/13	61	25 M	Left psoas drainage	*0 **0 ***0	N	N	Floor – no events
5/7/13	62	56 F	Liver biopsy	*0 **0 ***0	Zofran 4 mg@ 11:59p, phenergan 12.5 mg@ 12:58p – no n/v before bx; has DM,	N	PACU – no events

					HBV, HTN, HLD, r/o autoimmune hepatitis		
5/6/13	63	44 M	biloma	*0 **0 ***0	N	N	Floor – no events
5/3/13	64	61 F	Pleural effusion drainage	*0 **0 ***0	N	N	Floor – no events
5/2/13	65	63 M	Lung biopsy	*0 **0 ***0	N	N	PACU – no events
5/2/13	66	60 M	LN biopsy	*0 **0 ***0	N	N	Floor/dialysis – no events
5/2/13	67	50 M	Tunneled dialysis catheter	*0 **0 ***0	N	N	Floor – no events
5/1/13	68	57 F	Liver biopsy	*0 **0 ***0	N	N	PACU – no events
4/30/13	69	61 F	Lung biopsy	*0 **0 ***0	N	N	PACU – no events
4/30/13	70	52 F	Liver biopsy	*0 **0 ***0	N	N	PACU – no events
4/30/13	71	44 M	Biloma drainage	*10 **6.6 (2- 10) ***10	N	N	Floor – no events
4/30/13	72	24 M	IVC filter removal	*0 **0 ***0	N	N	Floor – no events
4/29/13	73	58 M	Liver biopsy	*0 **0 ***0	N	N	PACU – no events
4/29/13	74	62 M	Lung biopsy	*0 **0 ***0	N	N	PACU – no events
4/29/13	75	49 F	TJLB	*0 **0	N	N	PACU – no events

				***0			
4/25/13	76	39 F	Liver biopsy	*0 **0 ***0	N	N	PACU – no events
4/24/13	77	44 M	Lung bx	*0 **0 ***0	N	N	PACU – no events
4/24/13	78	57 M	Liver bx	*0 **1 (0-4) ***0	N	N	PACU – no events
4/24/13	79	28 M	Tunneled catheter removal	*8 **2 (0-8) ***0	Vomited at 12:19pm but no Zofran given; no PMH suggestive of need to vomit	N	Floor – no events
4/24/13	80	60 M	Chemoembo	*0 **0 ***0	N	N	PACU – no events
4/23/13	81	60 M	Liver biopsy	*0 **1 (0-6) ***0	N	N	PACU – no events
4/23/13	82	34 M	Kidney biopsy	*0 **0 ***0	N	N	PACU – no events
4/23/13	83	56 M	Kidney biopsy	*0 **0 ***0	N	N	PACU – no events
4/23/13	84	45 F	PCN replacement	*0 **4.6 (0-8) ***8	N	N	Floor/ER – no events
4/22/13	85	65 F	Lung biopsy	*0 **0 ***0	N	N	PACU – no events
4/22/13	86	50M	Brush biopsy	*0 **0 ***0	N	N	PACU – no events
4/19/13	87	50M	Cholangiogram and I-E catheter exchange	*0 **0 ***0	N	N	Floor – no events

4/18/13	88	65F	Abdominal drainage	*0 **0 ***0	Zofran 4 mg@ 12:57p – no other N/V, nothing else in PMH	N	Floor – no events
4/18/13	89	39 M	Tunneled dialysis catheter	*8 **4.4 (0-8) ***0	N	N	Floor – no events
4/17/13	90	45 F	IVC filter placement	*0 **0 ***0	N	N	Floor – no events
4/16/13	91	67F	PCN and abscess drainage	*6 **1.3 (0-6) ***0	N	N	Floor – no events
4/15/13	92	70M	PCNL	*0 **0 ***0	Zofran 4 mg@ 3:17p – operative protocol	N	PACU to OR – no events
4/14/13	93	44M	Hip aspiration	*2 **2.2 (0-8) ***2	N	N	Floor – no events
4/12/13	94	25M	Biopsy of thigh lesion and sacral lesion	*0 **0 ***0	N	N	Floor – no events
4/10/13	95	50M	Lung biopsy	*0 **0 ***0	N	N	PACU – no events
4/9/13	96	56M	Liver biopsy	*0 **0 ***0	N	N	PACU – no events
4/9/13	97	54M	Lung biopsy	*6 **2 (0-3) ***0	N	N	PACU – no events
4/9/13	98	68F	Liver biopsy	*0 **0 ***0	N	N	PACU – no events
3/28/13	99	67F	Kidney biopsy	*0 **0 ***0	Vomited at 12:37 p; no Zofran given	N	PACU – no events
3/26/13	100	51M	Lymph node biopsy	*4 **0 ***0	N	N	Floor – no events

Date	MRN	Operator
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7/31/13	1001472605	BU
7/31/13	1000707234	TM
7/30/13	1001944386	TM
7/29/13	1001944386	TM
7/29/13	1002174159	TM
7/26/13	1001973261	TM
7/26/13	1001966520	TM
7/25/13	1002248747	TM
7/24/13	1001306409	TM
7/23/13	1001072971	TM
7/23/13	1002100701	TM
7/22/13	1000310545	TM
7/22/13	1001949137	TM
7/19/13	1002103724	TM
7/17/13	1001172728	TM
7/16/13	1002250973	TM
7/16/13	1000989166	TM
7/12/13	1001111095	BU
7/11/13	1001591862	BU
7/10/13	1000783724	BU
7/9/13	1000348896	TM
7/8/13	1001074215	BU
7/5/13	1000440428	BU
7/3/13	1002247376	BU
7/2/13	1002236826	TM
7/2/13	1001933754	BU
7/2/13	1002240966	TM
7/1/13	1001996354	BU
7/1/13	1000523309	BU
7/1/13	1001963396	TM
7/1/13	1001979154	BU
6/28/13	1000403711	BU
6/26/13	1000637077	BU
6/24/13	1001079363	BU
6/19/13	1001164753	BU
6/18/13	1000017816	BU
6/17/13	1000301558	TM
6/13/13	1001756313	BU
6/13/13	1000469784	TM

6/12/13	1001933429	BU
6/11/13	1002135747	TM
6/5/13	1001504542	TM
6/5/13	1001256588	BU
6/3/13	1001079363	TM
6/3/13	1002174159	BU
5/30/13	1001034031	TM
5/30/13	1002222044	TM
5/30/13	1001988696	BU
5/29/13	1002238167	BU
5/29/13	1002222680	TM
5/25/13	1000045541	BU
5/23/13	1001298684	TM
5/17/13	1000566433	TM
5/17/13	1001561310	TM
5/16/13	1001674175	BU
5/14/13	1001066013	BU
5/10/13	1000632581	BU
5/10/13	1000017816	BU
5/9/13	1001024847	BU
5/8/13	1002232866	BU
5/8/13	1001923720	BU
5/7/13	1001937037	TM
5/6/13	1002230392	BU
5/3/13	1001167467	BU
5/2/13	1002221311	BU
5/2/13	1001514701	BU
5/2/13	1000101841	TM
5/1/13	1000288241	BU
4/30/13	1000376876	BU
4/30/13	1000662977	BU
4/30/13	1002230392	BU

4/30/13	1001865669	TM
4/29/13	1000639715	BU
4/29/13	1000243039	BU
4/29/13	1001930649	TM
4/25/13	1001239899	TM
4/24/13	1000017065	BU
4/24/13	1001256588	BU
4/24/13	1000703493	BU
4/24/13	1001988696	BU
4/23/13	1000647988	TM
4/23/13	1000199071	TM
4/23/13	1001945323	TM
4/23/13	1000783724	BU
4/22/13	1002224765	TM
4/22/13	1002135747	BU
4/19/13	1002135747	BU
4/18/13	1000826562	BU
4/18/13	1000022323	BU
4/17/13	1000446359	TM
4/16/13	1000393858	TM
4/15/13	1000514934	TM
4/14/13	1000394392	TM
4/12/13	1000995749	TM
4/10/13	1000569894	BU
4/9/13	1000093631	BU

4/9/13	1002100441	BU
4/9/13	1001517332	BU
3/28/13	1000686770	TM
3/26/13	1000533700	TM

BU – 53

TM - 47