

Appendix. Tabulation of all noncardiac procedures and complications grouped by patient

Date of LVAD	Procedure	Date of NCS	INR	PTT	Admission	Complication	Status
10/01/07	PEG tube placement	10/15/07	1.2	35.8	Same		
	Tracheostomy	10/15/07	1.2	35.8	Same		
	Vocal cordotomy	8/23/11	1.2	37.2	Subsequent		
7/30/08	Tracheostomy	8/7/08	1.1	49.4	Same		
8/15/08	Aortoiliac angiogram	3/16/09	1.9	29.1	Subsequent	Wound dehiscence Bleeding	Deceased
	Superficial femoral artery and popliteal stent	4/13/09	1.6	32.9	Subsequent		
	Heel ulcer debridement	4/19/09	2.2	31.8	Subsequent		
	Heel ulcer debridement	12/03/09	3.1	36.0	Subsequent		
	Below knee amputation	12/29/09	1.8	31.1	Subsequent		
	Amputation wound debridement	2/10/10	1.6	26.2	Subsequent		
	Amputation revision	3/04/10	2.1	27.4	Subsequent		
	Distal femur ORIF	12/01/10	1.3	27.6	Subsequent		
	Simple mastectomy	12/10/10	1.2	54.3	Subsequent		
1/16/09	Cataract removal	8/17/09	2.7	35.7	Subsequent		
1/28/09	Wound washout	2/16/09	3.4	39.1	Same		Deceased
2/18/09	Diverting loop ileostomy	9/23/10	1.1	30.7	Subsequent	Wound infection	Deceased
	Retrocatheter placement	9/28/11	2.3	150	Subsequent		
	Double J stent placement	9/30/11	1.5	32.3	Subsequent		
	Open ureterolithotomy and cystolithotomy	10/07/11	1.1	29.6	Subsequent	Wound infection	

3/16/09	Parasternal collection drainage	5/12/09	2.5	29.5	Same		
	Right forearm arteriovenous graft	7/21/09	1.2	26.3	Subsequent		
3/20/09	PEG tube placement	4/06/09	1.6	29.1	Same		
	Tracheostomy	4/06/09	1.6	29.1	Same		
	Pectoralis flap	4/08/09	1.5	27.2	Same		
3/23/09	Muscle biopsy	3/15/10	--	--	Subsequent		
	Tracheostomy	8/13/10	1.3	24.3	Subsequent	Accidental decannulation	
4/13/09	Exploratory laparotomy and lysis of adhesions	9/09/09	1.1	29.5	Subsequent		
4/15/09	Pedicled flap	9/28/11	1.5	31.6	Subsequent	Nonviable flap	
	Rectus flap	10/02/11	1.4	27.1	Subsequent		
4/19/09	PEG tube placement	9/24/09	1.4	34.9	Subsequent		Deceased
	Tracheostomy	9/24/09	1.4	34.9	Subsequent		
5/06/09	Rectus flap	6/09/09	1.5	44.0	Same	Acute kidney injury	Deceased
	Jejunostomy tube placement	7/02/09	2.2	82.0	Same		
5/12/09	Lobectomy	7/23/09	1.2	26.6	Subsequent	Persistent air leak	Deceased
7/31/09	Jejunostomy tube placement	8/28/09	1.3	33.7	Same		Deceased
	Myocutaneous flap	9/15/09	1.8	35.8	Same		
8/13/09	Bladder biopsy	6/20/13	1.3	33.6	Subsequent	Hematuria	
9/09/09	Carpal tunnel release	3/28/11	1.2	30.2	Subsequent		Deceased
	Arteriovenous graft	6/07/13	1.2	32.5	Subsequent	Wound infection	
	Balloon angioplasty of arteriovenous graft	2/12/14	1.2	35.6	Subsequent		

10/21/09	Subtotal colectomy	11/26/09	1.3	55.2	Same		Deceased
1/24/10	Tracheostomy	2/04/10	1.4	28.9	Same		Deceased
1/27/10	Rectus muscle flap of infected driveline wound	7/28/14	2.0	31.7	Subsequent		Deceased
2/09/10	Open inguinal hernia repair	9/21/12	1.1	33.6	Subsequent		
	Open inguinal hernia repair	4/05/13	1.1	41.2	Subsequent	Cellulitis	
5/26/10	Femoral thromboembolectomy	5/26/10	1.2	72.9	Same		Deceased
	Hemicraniectomy	5/27/10	1.3	26.7	Same	Death	
	Testis biopsy	5/28/10	1.6	28.4	Same		
5/27/10	Laparoscopic converted to open partial cholecystectomy	4/18/12	1.7	54.2	Subsequent	Intraabdominal abscess, bleeding	
6/14/10	Cranial burr holes	11/20/10	1.3	37.3	Subsequent		
	Craniotomy	11/24/10	1.3	39.9	Subsequent		
6/21/10	Rectus flap	1/31/11	2.0	35.0	Subsequent	Bleeding	Deceased
	Facial advancement flap	7/28/11	1.2	38.3	Subsequent		
	Nasal reconstruction	8/18/11	1.4	44.4	Subsequent		
	Nasal reconstruction	9/13/11	2.6	57.6	Subsequent		
	Olecranon bursa washout	12/09/11	1.4	39.4	Subsequent		
7/13/10	Rectus flap for driveline infection	8/27/10	1.3	26.8	Same	Abdominal hematoma	
	Abdominal hematoma evacuation	9/01/10	1.4	32.6	Same		
	Subcutaneous foreign body removal	1/19/11	1.4	29.1	Subsequent		
	Bilateral salpingo-oophorectomy	6/24/11	1.3	51.2	Subsequent	Bleeding	
12/02/10	Tracheostomy	12/10/10	1.4	30.6	Same		Deceased

	Omental flap	1/19/11	1.9	67.8	Same		
1/14/11	Omental flap	2/28/11	1.5	28.8	Same		Deceased
	Tracheostomy	3/08/11	1.4	30.2	Same		
2/19/11	Tracheostomy	3/03/11	1.3	35.4	Same		
3/11/11	Driveline site debridement	7/02/12	2.1	59.0	Subsequent		
4/19/11	Sartorius flap recon	5/03/11	1.2	26.1	Same		Deceased
	Omental flap	5/10/11	1.2	30.4	Same		
	Tracheostomy	5/18/11	1.0	27.1	Same		
4/25/11	Carotid artery stent	2/24/12	1.2	34.3	Subsequent	Hypotension, transient aphasia	Deceased
	Carotid artery stent	3/02/12	1.1	38.0	Subsequent	Bleeding	
	Superficial femoral artery stent	5/09/14	1.3	52.4	Subsequent		
4/26/11	Tracheostomy	5/06/11	2.1	36.7	Same	Bleeding	Deceased
	Open gastrostomy and jejunostomy tube placement	6/16/11	1.2	29.0	Same		
6/08/11	Needle prostate biopsy	2/20/14	1.4	47.4	Subsequent	Bacteremia, Bleeding	
9/21/11	Pectoralis flap	11/04/11	1.2	32.0	Same	Hematoma	Deceased
9/22/11	Common femoral artery embolectomy	9/22/11	1.0	63.0	Same		Deceased
11/10/11	Tracheostomy	11/28/11	1.2	29.2	Same		Deceased
12/08/11	Lower extremity embolectomy	2/06/12	2.0	39.0	Subsequent		Deceased
2/03/12	EVAR	4/13/14	1.8	37.6	Subsequent	Cardiac arrest	Deceased
3/06/12	Tracheostomy	4/03/12	1.1	37.9	Same		Deceased
	PEG tube placement	4/03/12	1.1	37.9	Same		

	Hemicraniectomy	5/12/12	1.3	32.2	Same		
	Hemicraniectomy	5/12/12	1.3	32.2	Same	Death	
4/26/12	Subclavian port-a-cath removal	5/03/12	1.9	42.2	Same		
	Breast implant removal	2/4/13	1.3	85.6	Subsequent		
5/31/12	Cystoscopy	11/13/13	1.6	57.3	Subsequent		Deceased
6/22/12	Rectus flap for driveline wound	9/29/14	1.5	39.0	Subsequent	Bleeding	
8/03/12	Transurethral bladder tumor excision	10/19/12	2.2	38.6	Subsequent		Deceased
	Bladder biopsy and fulguration	4/12/13	1.4	64.6	Subsequent		
9/14/12	Subclavian port-a-cath removal	9/29/12	1.0	44.8	Same	Bleeding	
	Video-assisted thorascopic decortication	11/2/12	2.3	32.9	Subsequent		
	Tracheostomy	11/16/12	1.1	28.6	Subsequent	Bleeding	
	Tracheostomy site exploration	11/17/12	1.1	57.0	Subsequent		
	Laparoscopic cholecystectomy	3/27/13	1.1	28.5	Subsequent		
11/07/12	Tracheostomy	11/16/12	1.2	28.4	Same	Bleeding	
	Redo Tracheostomy	11/17/12	1.0	28.5	Same		
	Redo Tracheostomy	1/31/13	1.9	--	Subsequent		
11/08/12	Sacral decubitus ulcer debridement	2/01/13	2.1	27.0	Subsequent		
	Rectus flap	4/01/14	1.8	32.4	Subsequent		
12/07/12	Small bowel resection with primary anastomosis	9/10/13	1.4	35.7	Subsequent	Death	Deceased
12/13/12	Tracheostomy	12/26/12	1.3	34.3	Same		
	PEG tube placement	12/26/12	1.3	34.3	Same		

3/01/13	Sartorius flap	3/15/13	1.2	66.8	Same	Fever	
	Laparoscopic appendectomy	3/24/15	3.0	36.1	Subsequent		
3/12/13	Exploratory laparotomy	3/27/13	1.8	64.5	Same		Deceased
3/25/13	Tracheostomy	4/04/13	1.3	28.6	Same	Bleeding	Deceased
	Tracheostomy site exploration	4/10/13	1.1	28.5	Same		
4/11/13	Craniotomy	2/24/14	2.0	34.3	Subsequent	Death	Deceased
5/01/13	Revision total hip arthroplasty	3/26/14	1.0	30.-	Subsequent	Bleeding	
	Revision total hip arthroplasty	9/19/14	1.2	32.5	Subsequent		
5/23/13	Hysterectomy, salpingo-oophorectomy	9/5/13	1.8	28.1	Subsequent	Bowel obstruction, wound dehiscence	Deceased
5/30/13	Retroperitoneal hematoma evacuation	6/10/13	2.5	37.9	Same		Deceased
	Hemicraniectomy	8/18/13	1.7	30.5	Subsequent	Death	
7/06/13	Tracheostomy	9/17/13	2.0	43.8	Same		Deceased
7/25/13	Exploratory laparotomy, ileocecectomy, end ileostomy	9/30/13	3.6	56.3	Subsequent		Deceased
	Ileostomy reversal	12/09/13	1.5	33.0	Subsequent		
8/12/13	Hemorrhoidectomy	8/27/14	1.2	--	Subsequent	Bleeding	
	Rectal EUA with control of rectal bleeding	9/18/14	1.5	45.5	Subsequent		
	Omental flap of VAD pocket	1/13/15	1.3	30.6	Subsequent		
8/20/13	Total knee Replacement	11/13/14	2.1	29.9	Subsequent		
11/14/13	Tracheostomy	12/05/13	1.4	51.0	Same		
	Jejunostomy tube placement	1/09/14	1.9	36.0	Subsequent		

12/18/13	Knee arthrotomy	1/02/14	1.5	31.6	Same		
	Omental flap	4/08/14	1.8	32.5	Subsequent		
3/26/14	Tracheostomy	4/22/14	1.2	52.8	Same		Deceased
6/04/14	Laparoscopic cholecystectomy	7/22/14	1.9	34.5	Subsequent		
9/23/14	Sartorius flap	10/13/14	1.2	32.5	Same	Acute kidney injury	
	Cystoscopy, Exploratory laparotomy	10/21/14	1.2	32.1	Same	Bladder perforation	
9/25/14	Hemicraniectomy	1/28/15	1.3	27.0	Subsequent	Death	Deceased
10/07/14	Pectoralis flap	11/11/14	1.4	31.4	Same	Wound dehiscence	Deceased
	Arteriovenous graft	2/10/15	1.6	38.9	Same		
10/16/14	Tracheostomy	10/23/14	1.4	42.5	Same		
4/03/15	Lower extremity thromboembolectomy	4/03/15	1.4	32.7	Same	Groin abscess	
	Sartorius flap	4/16/15	1.4	30.1	Same		
	Groin incision and drainage	5/15/15	2.4	34.0	Subsequent		