

Study Population	Grade Location	Flap type	Compl† (%)	Other
Kim et al. 2010 sciN/N=39/75	"varying" "gluteal"	GMP	4 R=N/A	
Srivastava et al. 2009 sciN/N=25	III, IV Is, S, T, gluteal, LE	Split skin grafts, local flaps	10.2 R=17.3	LoS=66.47 d (16-269) Improved Barthel Index Scores (p<0.03)
Singh et al. 2010 sciN/N=30	III, IV Not specified	"various types"	13 R=10	At 6 mo post-op 76.6% improved well-being, 83.3% satisfied
Ahluwalia et al. 2010 sciN/N=78	III, IV Is	PMTFc + BF	15 R=7	
Borgognone et al. 2010 sciN/N=11	III, IV Is	PTCCGM	16 R=8	
Lin et al. 2010 sciN/N=12	IV Ischial	PTFc	17 R=17	
Biglari et al. 2013 sciN/N=352	III (254/657) IV (98/657) Is, S, T, LE, pelvic	9 types listed including BF, gluteal	21 R= N/A	
Unal 2012 sciN/N=11	N/A Is	IGAP	36.4 R=18	
Bertheuil et al. 2013 sciN/N=23	IV Is	BF	38.4 R= N/A	
He et al. 2012 sciN/N=11	III, IV Is	FPLLDM	N/A R=0	
Chen et al. 2011 sciN/N=141/160	IV Is, S, T	Not specified	N/A R=6	LoS=45±21 days
Grassetti et al. 2013 sciN/N=107/143	IV Is, S, T	I-GAP, S-GAP, PFAP-1, PFAP-am	N/A R=22.4 N=4.2	LoS=16 days
Kierney et al. 1998 sciN/N=121/158	III, IV Is, S, T	Cutaneous, Limberg, Fc, Mc	N/A R=23 (SCI)	
Mehta et al. 2012 sciN/N=90	III, IV Is, S, T	Biplanar Fc	N/A R _b =25 R _{Fc} =53	
Tavakoli et al. 1999	N/A	Hamstring Mc Island flap (V-Y advancement)	N/A R=41.4 (by ulcer) R=47.8 (by pt)	89.5% patients had intact flaps at average 62 mo follow-up
Relander & Palmer 1988 sciN/N=~56-72% SCI	Persistent and requiring surgery Is, S, T	Cutaneous, Mc	R=48 R _c =43 R _{Mc} =33	LoS _{Is} =48 days LoS _S =37 days LoS _T =79 days

Note. †Complications: dehiscence, infection, flap necrosis (partial or total), hematoma, R=recurrence, N=new occurrence; Is=Ischial; S=Sacral; T=Trochanteric; LE=lower extremity; PMTFc=posterior medial thigh fasciocutaneous; Mc=Musculocutaneous; BF=biceps femoris; PTCCGM=partial thickness criss cross gluteus maximum; I- and S-GAP=inferior and superior gluteal artery perforator flap; PFAP-1=first perforator of the profunda femoris artery flap; PFAP-am=profunda femoris artery adductor magnus flap; FPLLDM=free partial lateral latissimus dorsi musculocutaneous flap, GMP=gluteus maximum perforator-based island; N/A=not reported.