

Supplemental Table 1. Study characteristics (N=56 published reports)

Author, Year	Country	Study Design	Number of Patients	% Diabetic	Mean Age/Age Range	Number of Primary Amputations	Time for Reporting (Months)	Number of Reamputations	Reamputation laterality	Included in meta-analysis
Aftabuddin, 1997 ¹²	Bangladesh	Retrospective chart review	450	5% diabetes-associated complications	46 (18-68)	450	72	36	All	
Ahn, 2019 ¹³	USA	Retrospective	203	82%	Median 62 (53.0-71.0)	203	1	88	All	
Baykal, 2014 ¹⁴	Turkey	Prospective cohort	30	100%	70.2 (46-91)	30	1	7	All	Yes
Beaulieu, 2015 ⁵	USA	Retrospective chart review	717	75%	56	717	2	95	All	
Blume, 2007 ¹⁵	USA	Retrospective comparative study	80	89%	62 (21-91)	91	12	25	All	
Brown, 2012 ¹⁶	USA	Retrospective chart review	82	100%	53.4 - 63.8	82	60	20	All	Yes
Cheddie, 2018 ¹⁷	South Africa	Prospective cohort	46	100%	61 (29-80)	46	60	2	All	Yes
Chiu, 2011 ¹⁸	Taiwan	Prospective cohort	125	100%		125	60	39	All	Yes
Choi, 2014 ⁶³	South Korea	Retrospective chart review	154	100%	63.9	154	30	30	All	Yes
Chu, 2016 ¹⁹	China	Prospective	185	100%	69.27 ± 9.39 (38 – 86)	185	12	32	All	Yes
							36	41	All	
							60	90	All	
							60	28	Contralateral	
Czerniecki, 2019 ²⁰	USA	Retrospective cohort	5260	74.20%	64.9 ± 9.5	5260	12	1283	All	
Dillingham, 2005 ²	USA	Retrospective cohort	3565	74%	73.7 (21-107)	3555	12	924	All	
Ebskov, 1980 ²¹	Denmark	Retrospective chart review	2029	53%		2029	12	241	Contralateral	
							24	361	Contralateral	
							36	552	Contralateral	

							48	899	Contralateral	
							48	830	All	
Elsharawy, 2011 ²²	Saudi Arabia	Prospective cohort	32	100%	66.9 ±11.7	32	1	8	All	Yes
							28	14		
Eneroth, 1992 ²³	Sweden	Prospective cohort	177	40%	77 (43-95)	177	6	19	All	
Fard, 2020 ²⁴	Netherlands	Retrospective cohort	382	56%	71.9 ± 12.5	380	12	70	Contralateral	
Font-Jiménez, 2016 ²⁵	Spain	Retrospective	353	75.3	68.7±10.8	265	12	80	All	
Glaser, 2013 ²⁶	USA	Retrospective chart review	1715	77%	66.7± 13.5; 68.56± 13.4	1715	12	189	All	
							12	69	Contralateral	
							60	324	All	
							60	162	Contralateral	
Häller, 2020 ²⁷	Switzerland	Retrospective cohort	185	74%	67 (24-91)	185	36	71	All	
Izumi, 2006 ¹¹	USA	Retrospective cohort	277	100%	53.8 ± 10.4	277	12	74	All	Yes
							12	22	Contralateral	
							36	134	All	
							36	61	Contralateral	
							60	168	All	
							60	83	Contralateral	
Jbara, 2016 ²⁸	USA	Retrospective	368	100%	61.87 ± 14.52	368	60	185	All	Yes
Jindeel, 2012 ²⁹	USA	Retrospective chart review	847	88%	Male: 53.7 Female: 58.95	1169	12	312	All	
Johannesson, 2009 ³⁰	Sweden	Prospective cohort	290	46%	DM: women: 77±9, men: 76±11; Non DM: women: 83±8, men: 79±8	133	120	52	All	

							120	52	Contralateral	
Johannesson, 2010 ³¹	Sweden	Prospective cohort	217	14%	77	217	12	30	All	
							12	12	Contralateral	
Jupiter, 2020 ³²	USA	Retrospective chart review	5980	71%	63.4 ± 13.3	5980	1	81	All	
Kacy, 1982 ³³	USA	Retrospective chart review	100	55%		113	60	17	All	
Kanade, 2007 ⁸	UK	Retrospective chart review	205	43%	68.59 ± 10.80	316	24	145	All	
							24	46	Contralateral	
Kono, 2012 ³⁴	USA	Retrospective	116	80%	66.8 ± 11.0	116	6	45	All	
							36	57	All	
Landry, 2011 ³⁵	USA	Retrospective case-control	57	79%	60.7 (13.4)	62	4	22	All	
Lin, 2020 ³⁶	USA	Retrospective cohort	11597	82%	62 ± 13 among DM	11597	12	2270	All	
Littman, 2020 ³⁷	USA	Retrospective chart review	17786	100%		17786	12	6047	All	Yes
Matsuzaki, 2012 ³⁸	Japan	Prospective cohort	31	100%	67.5 (46-87)	36	24	6	All	Yes
							24	2	Contralateral	
Mazet, 1967 ³⁹	USA	Retrospective chart review	541			541	24	119	Contralateral	
							60	198	Contralateral	
McCallum, 2012 ⁴⁰	USA	Retrospective chart review	11	91%		12	1	1	All	
Møller, 1985 ⁴¹	Denmark	Retrospective	64	34%		64	12	28	All	
Murdoch, 1997 ⁴²	USA	Retrospective	90	100%		90	120	54	All	Yes
								8	Contralateral	
Nagashima, 1993 ⁴³	Japan	Retrospective cohort	114	23%	61.4 (46-75)	114	36	17	All	
Nayak, 2016 ⁴⁴	Denmark	Retrospective cohort	81	39%	71 ± 11.8	81	3	13	All	
Netz, 1983 ⁴⁵	Sweden	Retrospective	283	40%	DM: 72.8 ± 8.6 Atherosclerosis:	302	12	45	All	

					77.5± 8.6					
Pollard, 2006 ⁴⁶	USA	Retrospective chart review	91		0.87	101	24	31	All	
Primadhi, 2020 ⁴⁷	Indonesia	Retrospective chart review	107	100%	56.2 ± 7.9	107	60	17	All	Yes
Rosen, 2014 ⁴⁸	Israel	Retrospective cohort	188	76%	72 (25-103)	208	2	40	All	
Rucker-Whitaker, 2003 ⁴⁹	USA	Retrospective case-control	120	62%-72%	AA: 66.6 (11.2%), White: 64.2 (12.9%)	120	60	32	All	
Schmidt, 2019 ⁵⁰	USA	Prospective	72	100%	56.9 ± 12.8	72	12	0	All	Yes
Sizer, 1972 ⁵¹	USA	Retrospective chart review	577	100%	56.8	692	144	357	All	Yes
Stirnemann, 1987 ⁵²	Switzerland	Retrospective cohort	413	24%-53%	BK: 70 (47-86); TG: 72 (54-93); AK: 74 (55-93)	413	50	55	All	
Stone, 2005 ⁵³	USA	Retrospective chart review	74	100%	64 (45-81)	77	12	21	All	Yes
							36	25	All	
							60	29	All	
Thomas, 2001 ⁵⁴	UK	Retrospective chart review	41	71%	71 (40-91)	41	96	15	All	
Toursarkissian, 2005 ⁵⁵	USA	Retrospective chart review	41	100%	59 ± 11	44	12	14	All	Yes
Vaccaro, 2002 ⁵⁶	Italy	Retrospective chart review	701	47%		738	12	35	All	
								7	Contralateral	
van Asten, 2017 ⁵⁷	USA	Prospective cohort	122	100%	18-89	116	12		All	Yes
Vassallo, 2019 ⁵⁸	Malta	Prospective	81	100%	70 ± 12.3	81	12		All	Yes
Viswanathan, 2010 ⁵⁹	Bangladesh	Prospective cohort	177	100%	55.0 (10.0)	177	30	4	All	Yes
	India		194	100%	60.0 (10.3)	194	30	5	All	
	Tanzania		155	100%	55.6 (11.6)	155	30	5	All	
Wied, 2017 ⁶⁰	Denmark	Retrospective case-control	74	53%	72.3 ± 11.0	74	1	20	All	
Wong, 2013 ⁶¹	Singapore	Prospective cohort	151	100%	55.2	151	6	4	All	Yes
Younger, 2009 ⁶²	Canada	Retrospective comparative	68	100%	Successful: 60.4 ± 11.8	68	12	24	All	Yes

study	Failed: 56.3 ± 10.9
-------	------------------------

Data presented as mean (range), mean ± standard deviation, or %.