											diabetes	DRCO												S. aureus	Staphylococcus aureus			N	N		S	
											diabetes	DRCO												Ps. aeruginosa	Pseudomonas aeuriginosa			N	N		S	
											diabetes	DRCO												S. aureus/Ps. aeruginosa	POLY			N	N		S	
											diabetes	DRCO												S. aureus/Ps. aeruginosa	POLY			N	N		S	
											diabetes	DRCO												Ps. aeruginosa	Pseudomonas aeuriginosa			N	N		S	
172	Michelle Pepper	2010	American Academy of Physical Medicine and	United States	An Unusual Cause of Heel Pain in a Young Athlete: A Case Report	Y	1	10	0.7	female	trauma	TRCO	R			Y		Y				Y		S. aureus (MRSA)	Staphylococcus aureus	surgery	18	N	N		S	
174	Chun-Yang Wang	2014	J Reconstr Microsurg	China	A "Hybrid" Sural Flap for Treatment of Chronic Calcaneal Osteomyelitis	Y	5	47		male	trauma	TRCO	R	Y												surgery (5/5)	22	N	N		S	
								55		male	trauma	TRCO		Y													9	N	N		S	
								33		male	trauma	TRCO		Y													10	N	N		S	
								50		male	trauma	TRCO	L	Y													12	N	N		S	
								37		male	trauma	TRCO		Y													6	N	N		S	
175	E. Cetinus	2005	J Orthopaed Traumatol	Turkey	Calcaneal osteomyelitis after puncture wound to foot: case report and review of the literature	Y	1	42	0.83	female	trauma	TRCO	L			Y			Y			Y		Staphylococcus aureus and Escherichia coli	POLY	surgery	12	N	N		S	
177	R Solanki	2018	nternational Journal of Diabetes in Developing	India	Case study of calcaneal osteomyelitis in Type 2 DM	Y	1	50	5	female	diabetes	DRCO	L	Y	Y	Y	Y	Y		Y		Y		Pseudomonas Aeruginosa	Pseudomonas aeuriginosa	conservative therapy	3	N	N		S	
178	TRACI M. TEMMEN	2011	Microsurgery	United States	TRANSVERSE SPLITTING OF THE GRACILIS MUSCLE FREE FLAP: MAXIMAL USE OF A SINGLE MUSCLE	Y	2	54		female	trauma	TRCO	B	Y												surgery	9	N	N		S	
								60		male	trauma	TRCO	L	Y												surgery	18	N	N		S	
180	Anton H. Schwabegger	2005	The Journal of Injury, Infection, and Critical Care	Austria	Versatility of the Abductor Hallucis Muscle as a Conjoined or Distally-Based Flap	Y	1	58	96	male	trauma	TRCO	L	Y	Y											surgery	36	N	N		S	
182	Gregory R. Waryasz	2014	The Journal of Foot & Ankle Surgery		Trichophyton Rubrum Osteomyelitis after Calcaneus External Fixation Pin Stabilization of a Pilon Fracture	Y	1	52	1	male	trauma	TRCO	R			Y	Y					Y	Y	T. rubrum	Trichophyton Rubrum	surgery	14	N	N		S	
183	Selçuk Yüksel	2007	Eur J Pediatr	Turkey	Osteomyelitis of the calcaneus in the newborn: an ongoing complication of Guthrie test	Y	1	0.04	0.33	female	trauma	TRCO	L				Y	Y				Y		Staphylococcus aureus	staphylococcus aureus	conservative therapy	1.5	N	N		S	
185	Xiang-Yang Xu	2009	FOOT & ANKLE INTERNATIONAL	China	Treatment of Calcaneal Osteomyelitis With Free Serratus Anterior Muscle Flap Transfer	Y	13	36 (mean ×13)		male (9) female (4)	trauma (13)	TRCO			Y (13)											surgery (13/13)	38（mean ×13）	N (0/13)	N（0/13）		S (13/13)	
186	Mehtap Evran	2016	World Journal of Clinical Cases	Turkey	Spontaneous calcaneal fracture in patients with diabetic foot ulcer: Four cases report and review of literature	Y	2	50		male	diabetes	DRCO	B	Y								Y				surgery			N		S	
								49		male	diabetes	DRCO	L	Y								Y		Acinetobacter baumannii and Klebsiella pneumonia	POLY	surgery		Y（1/2）	Y（1/2）	Below knee	S	
187	Pedro Ferreira Pereira	2021	The Foot	Portugal	Total calcanectomy in calcaneal osteomyelitis: An alternative to major amputation	Y	6	39		female	diabetes	DRCO		Y(6)								Y		Proteus mirabilis	Proteus mirabilis	surgery (6/6)	7.8 (mean ×6)	N	N		S	
								74		female	diabetes	DRCO										Y		Proteus mirabilis	Proteus mirabilis			Y	Y	Below knee	S	
								64		female	diabetes	DRCO										N						N	N		S	
								19		male	trauma	TRCO										Y		Morganella morgani	Morganella morgani			N	N		S	
								88		male	trauma	TRCO										Y		Serratia liquefaciens	Serratia liquefaciens			N	N		D（1/6）	a respiratory infection
								47		female	diabetes	DRCO										Y		Enterobacter cloace	Enterobacter cloacae			N	N		S	
188	Jeffrey C. Karr	2017	Journal of the American Podiatric Medical	United States	An Overview of the Percutaneous Antibiotic Delivery Technique for Osteomyelitis Treatment and a Case Study of Calcaneal Osteomyelitis	Y	1	54	1	female	diabetes	DRCO	R	Y		Y						Y		S. aureus (MRSA)	Staphylococcus aureus	surgery	48	N	N		S	
189	Xiaoying Liang	2021	Clinical Laboratory	China	Non-Tuberculous Mycobacteria Caused Calcaneal Osteomyelitis after Ankle Local Injection Therapy	Y	1	62	1	female	trauma	TRCO	R	Y	Y	Y						N		Non-tuberculous Mycobacteria	Non-tuberculous Mycobacteria	conservative therapy	8	N			S	
191	Ocampo-Garza J	2015	Journal of the American Academy of Dermatology	Mexico	Association of botryomycosis and cutaneous and bone coccidioidomycosis of the foot	Y	1	20	48	male	trauma	TRCO	R		Y		Y	Y		Y		Y	Y	Pseudomonas fluorescens,coccidioidomycosis	POLY	surgery		Y	N		S	
192	Nan Jiang	2020	Acta Orthopaedica	China	Single-stage debridement with implantation of antibiotic-loaded calcium sulphate in 34 cases of localized calcaneal osteomyelitis	Y	34	38		male	trauma	TRCO	R		Y							N		Negative		surgery	62	N	N		S	
								60		male	trauma	TRCO	L		Y							Y		Stenotrophomonas maltophilia	Stenotrophomonas maltophilia	surgery	68	N	N		S	
								29		male	trauma	TRCO	R		Y							Y		Pseudomonas aeruginosa	Pseudomonas aeuriginosa	surgery	60	N	N		S	
								41		female	trauma	TRCO	L		Y							N		Negative		surgery	58	N	N		S	
								50		male	trauma	TRCO	L		Y							Y		Staphylococcus aureus	Staphylococcus aureus	surgery	56	N	N		S	
								64		male	trauma	TRCO	L	Y	Y							Y		Pseudomonas aeruginosa +Klebsiella pneumoniae	POLY	surgery	12	N	N		S	
								51		female	trauma	TRCO	L		Y							N		Negative		surgery	14	Y	N		S	
								52		male	trauma	TRCO	R		Y							N		Negative		surgery	39	N	N		S	
								10		male	trauma	TRCO	L		Y							Y		Pseudomonas aeruginosa	Pseudomonas aeuriginosa	surgery	38	N	N		S	
								67		female	trauma	TRCO	R		Y							N		Negative		surgery	12	N	N		S	
								63		male	trauma	TRCO	L									Y		Pseudomonas aeruginosa	Pseudomonas aeuriginosa	surgery	12	N	N		D（1/34）	NM but unrelated
								45		male	trauma	TRCO	L		Y							Y		Escherichia coli	Escherichia coli	surgery	43	N	N		S	
								67		male	trauma	TRCO	R									N		Negative		surgery	42	N	N		S	
								53		male	Hematogenous	Hematogenous	R		Y							N		Negative		surgery	42	N	N		S	
								54		male	trauma	TRCO	L		Y							N		Negative		surgery	26	N	N		S	
								51		female	trauma	TRCO	L		Y							N		Negative		surgery	37	N	N		S	
								56		male	trauma	TRCO	R		Y							N		Negative		surgery	35	N	N		S	
								30		male	trauma	TRCO	L	Y	Y							N		Negative		surgery	12	N	N		S	
								20		male	trauma	TRCO	L		Y							N		Negative		surgery	33	N	N		S	
								10		male	Hematogenous	Hematogenous	L									Y		Enterobacter cloacae	Enterobacter cloacae	surgery	31	N	N		S	
								33		male	trauma	TRCO	R		Y							Y		Proteus mirabilis	Proteus mirabilis	surgery	12	N	N		S	
								12		male	trauma	TRCO	L		Y							Y		Pseudomonas aeruginosa	Pseudomonas aeuriginosa	surgery	30	N	N		S	
								25		male	trauma	TRCO	L		Y							N		Negative		surgery	25	Y	N		S	
								60		female	trauma	TRCO	L		Y							Y		Staphylococcus aureus	Staphylococcus aureus	surgery	26	Y	N		S	
								36		male	trauma	TRCO	R		Y							Y		Enterobacter cloacae	Enterobacter cloacae	surgery	16	N	N		S	
								59		female	Hematogenous	Hematogenous	L		Y							Y		Proteus mirabilis + other pathogens	POLY	surgery	16	N	N		S	
								65		female	trauma	TRCO	L		Y							N		Negative		surgery	14	Y	N		S	
								3		male	trauma	TRCO	R		Y							N		Negative		surgery	12	N	N		S	
								22		male	trauma	TRCO	L		Y							N		Negative		surgery	24	N	N		S	
								29		male	trauma	TRCO	L		Y							N		Negative		surgery	22	N	N		S	
								43		male	trauma	TRCO	L		Y							N		Negative		surgery	14	Y	N		S	
								18		male	Hematogenous	Hematogenous	R		Y							N		Negative		surgery	12	N	N		S	
								48		male	trauma	TRCO	R		Y							N		Negative		surgery	17	N	N		S	
								46		male	trauma	TRCO	R	Y	Y							Y		Pseudomonas aeruginosa	Pseudomonas aeuriginosa	surgery	18	N	N		S	
193	Ibrahim Fikry Abdelw	2005	Journal of the American Podiatric Medical	United States	Focal tuberculous osteomyelitis of the calcaneus secondary to direct extension from an infected retrocalcaneal bursa	Y	1	35	9	female	trauma	TRCO	R	N	N	Y	N	N	Y	Y		Y		Mycobacterium tuberculosis	tuberculosis	surgery	9	N	N		S	

Included studies reporting TRCO
Included studies reporting DRCO
Included studies reporting TRCO and DRCO