

The mean concentration difference (%) of ischemic metabolites between the tourniquet-exposed and non-tourniquet-exposed leg (tourniquet/non-tourniquet).

Time (min)	Glucose			Lactate			Glycerol			Pyruvate			Lactate/pyruvate		
	SCT (%)	Muscle (%)	Bone (%)	SCT (%)	Muscle (%)	Bone (%)	SCT (%)	Muscle (%)	Bone (%)	SCT (%)	Muscle (%)	Bone (%)	SCT (%)	Muscle (%)	Bone (%)
7,5	108 (74; 141)	138 (110; 167)	96 (46; 146)	128 (45; 211)	92 (61; 122)	98 (71; 125)	105 (90; 120)	107 (84; 131)	123 (95; 151)	110 (49; 70)	95 (63; 127)	109 (44; 173)	117 (90; 143)	103 (70; 137)	116 (71; 160)
22,5	113 (80; 147)	131 (83; 173)	50 (7; 94)	134 (58; 210)	159 (81; 237)	150 (108; 192)	123 (108; 139)	141 (110; 173)	132 (89; 175)	105 (46; 163)	107 (65; 148)	147 (88; 206)	138 (114; 161)	173 (61; 284)	127 (66; 187)
45	72 (53; 91)	74 (61; 87)	64 (32; 95)	125 (58; 192)	255 (170; 340)	120 (89; 152)	132 (113; 150)	214 (157; 270)	151 (90; 212)	97 (36; 158)	84 (58; 110)	100 (80; 121)	203 (100; 305)	318 (221; 416)	122 (100; 144)
75	65 (43; 86)	70 (58; 83)	58 (30; 87)	199 (108; 290)	379 (277; 482)	173 (117; 229)	135 (115; 155)	241 (147; 335)	218 (85; 351)	97 (44; 149)	119 (95; 142)	99 (79; 120)	310 (156; 464)	336 (131; 540)	192 (118; 265)
105	97 (64; 130)	145 (121; 170)	75 (26; 124)	141 (85; 197)	162 (102; 222)	142 (89; 196)	126 (106; 145)	147 (102; 193)	242 (117; 366)	128 (65; 191)	187 (96; 278)	93 (61; 125)	142 (101; 182)	108 (64; 153)	169 (101; 237)
135	96 (57; 135)	135 (94; 175)	75 (12; 138)	119 (59; 180)	111 (69; 152)	139 (87; 191)	125 (105; 146)	126 (81; 171)	147 (97; 197)	141 (78; 203)	121 (86; 157)	104 (54; 153)	97 (69; 126)	90 (71; 109)	153 (102; 204)
175	100 (54; 145)	115 (98; 132)	137 (34; 241)	121 (64; 178)	107 (83; 131)	103 (78; 128)	140 (103; 177)	113 (80; 145)	117 (45; 189)	123 (63; 183)	104 (80; 129)	82 (55; 108)	116 (87; 146)	106 (84; 129)	147 (105; 189)
210	108 (59; 156)	115 (88; 141)	113 (45; 180)	128 (48; 208)	97 (65; 130)	121 (66; 177)	125 (89; 161)	114 (90; 138)	103 (43; 163)	111 (66; 155)	103 (65; 141)	102 (40; 163)	107 (82; 131)	101 (78; 125)	140 (98; 183)
330	107 (62; 152)	112 (81; 143)	100 (72; 129)	110 (61; 160)	120 (101; 139)	103 (71; 135)	115 (85; 145)	99 (69; 128)	106 (77; 134)	121 (80; 161)	93 (72; 114)	83 (51; 115)	84 (70; 99)	146 (91; 202)	142 (92; 192)
375	134 (79; 189)	109 (78; 140)	84 (57; 112)	111 (62; 161)	104 (71; 136)	78 (50; 107)	109 (75; 142)	98 (71; 125)	80 (50; 110)	121 (92; 149)	96 (63; 129)	69 (38; 100)	90 (59; 122)	115 (81; 149)	125 (66; 184)
405	128 (63; 194)	104 (75; 134)	73 (44; 102)	116 (54; 178)	103 (76; 129)	93 (50; 136)	105 (80; 130)	80 (56; 105)	97 (58; 136)	114 (78; 150)	94 (64; 125)	88 (56; 119)	91 (68; 115)	116 (86; 146)	104 (80; 128)
435	96 (66; 125)	98 (63; 132)	78 (42; 114)	114 (62; 166)	88 (63; 113)	99 (63; 135)	114 (82; 145)	105 (56; 155)	89 (64; 115)	122 (85; 159)	87 (71; 104)	93 (62; 124)	87 (68; 107)	108 (67; 148)	110 (78; 142)
465	102 (57; 147)	100 (68; 132)	92 (50; 135)	110 (63; 157)	94 (70; 118)	102 (58; 147)	110 (77; 143)	77 (44; 111)	88 (62; 114)	105 (80; 130)	87 (66; 108)	103 (57; 148)	98 (76; 121)	113 (84; 141)	104 (79; 118)
495	105 (64; 146)	97 (65; 130)	103 (42; 164)	102 (60; 144)	93 (66; 120)	110 (46; 174)	108 (74; 143)	79 (56; 103)	97 (60; 133)	104 (83; 125)	88 (65; 111)	112 (58; 167)	93 (70; 117)	112 (79; 146)	99 (79; 118)
525	94 (66; 122)	92 (61; 123)	86 (38; 133)	109 (66; 152)	92 (68; 116)	114 (58; 170)	106 (77; 134)	81 (57; 105)	105 (63; 148)	112 (85; 138)	88 (74; 102)	95 (60; 130)	93 (73; 113)	114 (79; 149)	119 (98; 141)
570	88 (64; 111)	108 (76; 140)	81 (44; 119)	107 (75; 139)	103 (74; 132)	117 (72; 162)	105 (71; 139)	80 (56; 105)	100 (68; 132)	106 (86; 126)	87 (70; 105)	97 (69; 125)	99 (77; 120)	117 (90; 145)	123 (94; 153)
690	131 (56; 206)	111 (79; 143)	104 (45; 163)	101 (67; 135)	98 (72; 124)	103 (40; 165)	108 (77; 140)	90 (48; 132)	191 (68; 113)	110 (80; 139)	93 (68; 117)	111 (85; 137)	94 (68; 120)	110 (79; 140)	93 (51; 136)

Abbreviations: Bone, calcaneal cancellous bone; Muscle, skeletal muscle; SCT, subcutaneous tissue.

The mean tourniquet duration is marked in gray. Tourniquet inflation time: 15 minutes, mean (range) tourniquet release time: 85 (73; 92) minutes.

Values are given as mean (95% CI)