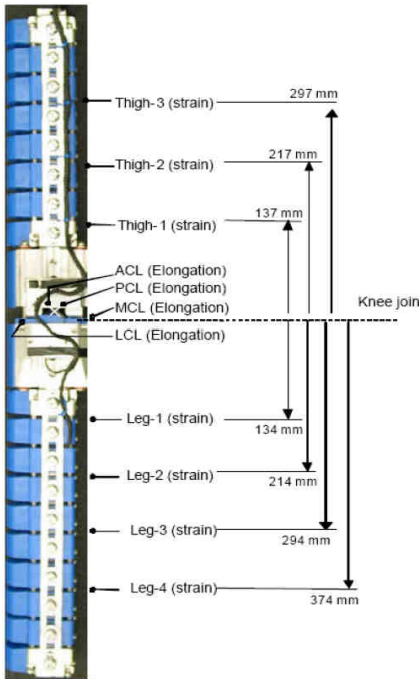


Suggestion

ISO-Codes for FlexGTalpha

No.	Location (Description)	Category
1	Femur Top Acceleration, X	additional
2	Femur Top Acceleration, Y	additional
3	Femur Top Acceleration, Z	additional
4	Femur Moment 3 Outer Upper, Y	standard
5	Femur Moment 2 Inner Middle, Y	standard
6	Femur Moment 1 Outer Lower, Y	standard
7	Femur Segment 1 Acceleration, X	additional
8	Femur Segment 2 Acceleration, X	additional
9	Femur Segment 3 Acceleration, X	additional
10	Femur Segment 4 Acceleration, X	additional
11	Femur Segment 5 Acceleration, X	additional
12	Femur Segment 6 Acceleration, X	additional
13	Femur Segment 7 Acceleration, X	additional
14	Femur Bottom Acceleration, X	additional
15	Femur Bottom Acceleration, Y	additional
16	Femur Bottom Acceleration, Z	additional
17	Femur Bottom Angular Rate, X	additional
18	Femur Bottom Angular Rate, Y	additional
19	Femur Bottom Angular Rate, Z	additional
20	Knee MCL Elongation, Z	standard
21	Knee ACL Elongation, Z	standard
22	Knee PCL Elongation, Z	standard
23	Knee LCL Elongation, Z	standard
24	Tibia Top Acceleration, X	standard
25	Tibia Top Acceleration, Y	additional
26	Tibia Top Acceleration, Z	additional
27	Tibia Top Angular Rate, X	additional
28	Tibia Top Angular Rate, Y	additional
29	Tibia Top Angular Rate, Z	additional
30	Tibia Moment 1 Outer Upper, Y	standard
31	Tibia Moment 2 Inner Upper, Y	standard
32	Tibia Moment 3 Inner Lower, Y	standard
33	Tibia Moment 4 Outer Lower, Y	standard
34	Tibia Bottom Acceleration, X	additional
35	Tibia Bottom Acceleration, Y	additional
36	Tibia Bottom Acceleration, Z	additional
37	Tibia Segment 1 Acceleration, X	additional
38	Tibia Segment 2 Acceleration, X	additional
39	Tibia Segment 3 Acceleration, X	additional
40	Tibia Segment 4 Acceleration, X	additional
41	Tibia Segment 5 Acceleration, X	additional
42	Tibia Segment 6 Acceleration, X	additional
43	Tibia Segment 7 Acceleration, X	additional
44	Tibia Segment 8 Acceleration, X	additional

Test Object	Position	Transd. Main Location	Fine Location 1	Fine Location 2	Fine Location 3	Physical Dimension	Direction	Filter Class
?	0	FEMR	TP	00	PG	AC	X	C
?	0	FEMR	TP	00	PG	AC	Y	C
?	0	FEMR	TP	00	PG	AC	Z	C
?	0	FEMR	OU	UP	PG	MO	Y	C
?	0	FEMR	IN	MI	PG	MO	Y	C
?	0	FEMR	OU	LO	PG	MO	Y	C
?	0	FEMR	01	00	PG	AC	X	C
?	0	FEMR	02	00	PG	AC	X	C
?	0	FEMR	03	00	PG	AC	X	C
?	0	FEMR	04	00	PG	AC	X	C
?	0	FEMR	05	00	PG	AC	X	C
?	0	FEMR	06	00	PG	AC	X	C
?	0	FEMR	07	00	PG	AC	X	C
?	0	FEMR	BO	00	PG	AC	X	C
?	0	FEMR	BO	00	PG	AC	Y	C
?	0	FEMR	BO	00	PG	AC	Z	C
?	0	FEMR	BO	00	PG	AV	X	C
?	0	FEMR	BO	00	PG	AV	Y	C
?	0	FEMR	BO	00	PG	AV	Z	C
?	0	KNEE	OU	FR	PG	DS	Z	C
?	0	KNEE	IN	FR	PG	DS	Z	C
?	0	KNEE	IN	RE	PG	DS	Z	C
?	0	KNEE	OU	RE	PG	DS	Z	C
?	0	TIBI	TP	00	PG	AC	X	C
?	0	TIBI	TP	00	PG	AC	Y	C
?	0	TIBI	TP	00	PG	AC	Z	C
?	0	TIBI	TP	UP	PG	AV	X	C
?	0	TIBI	TP	UP	PG	AV	Y	C
?	0	TIBI	TP	LO	PG	AV	Z	C
?	0	TIBI	OU	UP	PG	MO	Y	C
?	0	TIBI	IN	UP	PG	MO	Y	C
?	0	TIBI	IN	LO	PG	MO	Y	C
?	0	TIBI	OU	LO	PG	MO	Y	C
?	0	TIBI	BO	00	PG	AC	X	C
?	0	TIBI	BO	00	PG	AC	Y	C
?	0	TIBI	BO	00	PG	AC	Z	C
?	0	TIBI	01	00	PG	AC	X	C
?	0	TIBI	02	00	PG	AC	X	C
?	0	TIBI	03	00	PG	AC	X	C
?	0	TIBI	04	00	PG	AC	X	C
?	0	TIBI	05	00	PG	AC	X	C
?	0	TIBI	06	00	PG	AC	X	C
?	0	TIBI	07	00	PG	AC	X	C
?	0	TIBI	08	00	PG	AC	X	C



To clarify: Dummy coordinate system: Is the impact direction in X or Y axis?
 New Code Fine Location 3: "PG" for FlexGTalpha?
 New Code Fine Location 1: "MC" for Medial Collateral Ligament?
 New Code Fine Location 1: "LC" for Lateral Collateral Ligament?
 New Code Fine Location 1: "PC" for Posterior Cruciate Ligament?
 New Code Fine Location 1: "AC" for Anterior Cruciate Ligament?
 Further Channels / other locations planned?

Channel	Purpose	Standard	Option	DAS	Priority
Femur moment 1, 2 and 3	Calibration	3	0	Standard option On board DAS	
Tibia moment 1, 2, 3 and 4	Injury	4	0		
Tibia top accel ax	Calibration	1	-1		
MCL elongation	Injury	1	0		
ACL elongation	Calibration	1	0		
PCL elongation	Calibration	1	0		
LCL elongation	Calibration	1	0		
Tibia top accel ax, ay, az	Motion	0	3	optional on board if	1
Femur bottm accel ax, ay, az	Motion	0	3	feasibl	1
Tibia angular rate wx, wy, wz	Motion	0	3		2
Femur angular rate wx, wy, wz	Motion	0	3	Lab	2
Femur top accel ax, ay, az	Motion	0	3	Lab	3
Tibia bottom accel ax, ay, az	Motion	0	3	Lab	3
Segment accel ax	Research	0	15	Lab	4
Total		12	32		