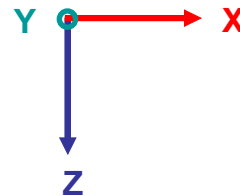
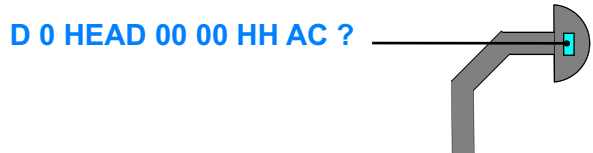
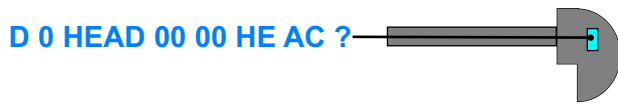
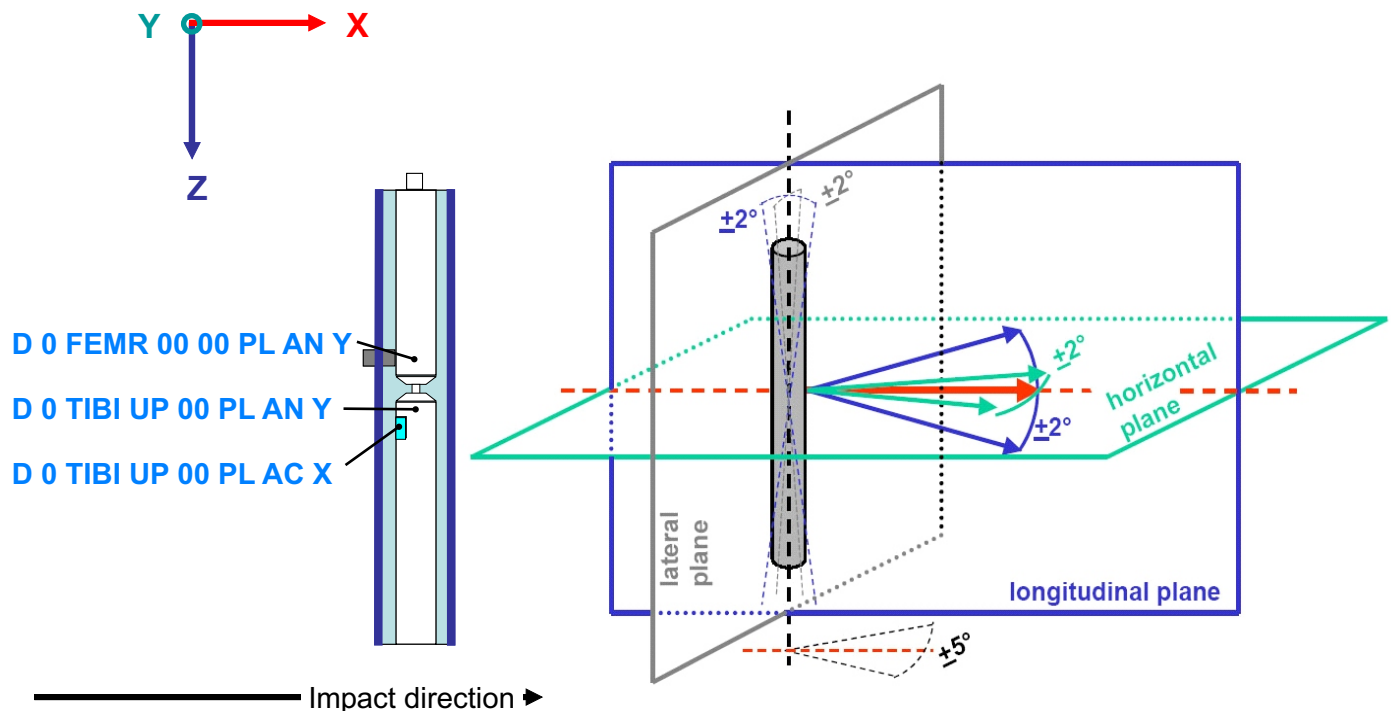


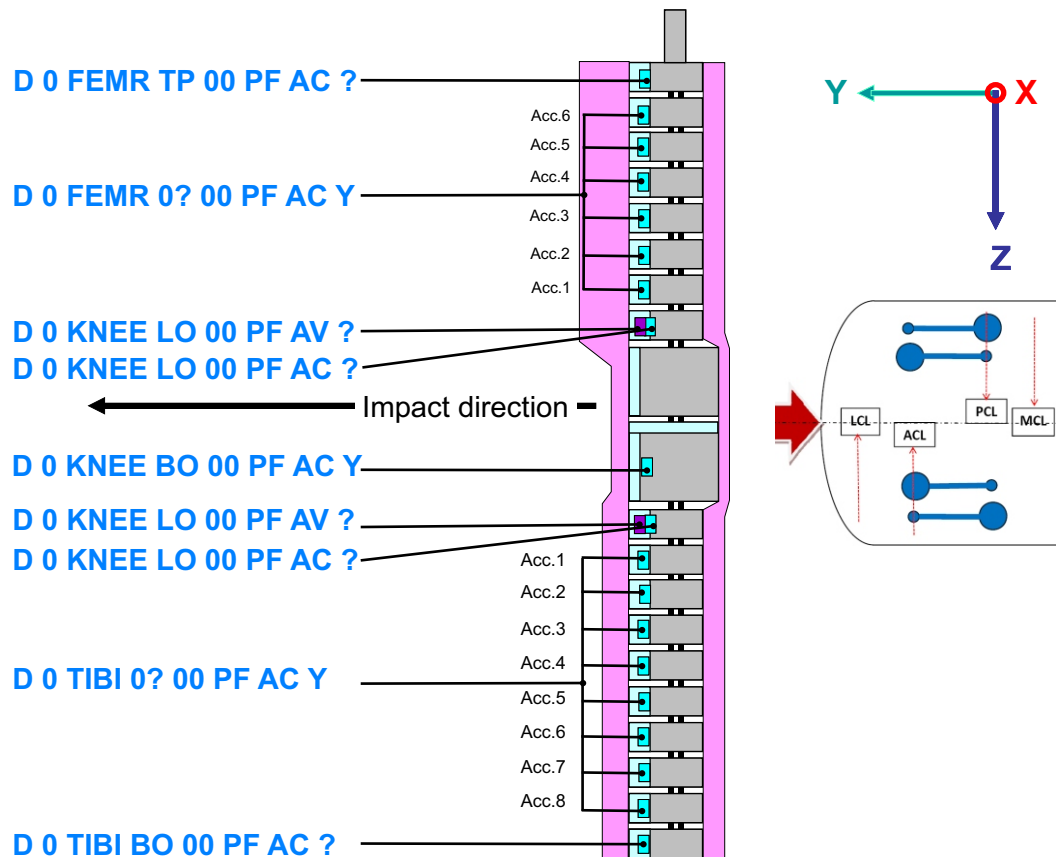
D 0 HEAD ?? ?? FH	Free Motion Headform
D 0 HEAD ?? ?? HE	Headform (e.g. Ejection Mitigation)
D 0 HEAD ?? ?? HH	Hemisphere Headform (e.g. FMVSS201, FMVSS202a, ECE R17, ECE R21, GTR 7)
D 0 HEAD ?? ?? PA	Adult Headform
D 0 HEAD ?? ?? PB	ACEA Headform
D 0 HEAD ?? ?? PC	Child Headform
D 0 HEAD ?? ?? PJ	JARI Headform
D 0 HEAD ?? ?? PS	JARI Child Headform
D 0 FEMR ?? ?? PU	Upper Legform Pedestrian Impactor
D 0 FEMR ?? ?? PL	Legform Pedestrian Impactor (upper leg)
D 0 KNEE ?? ?? PL	Legform Pedestrian Impactor (knee region)
D 0 TIBI ?? ?? PL	Legform Pedestrian Impactor (lower leg)
D 0 FEMR ?? ?? PF	Flexible Legform Impactor (upper leg)
D 0 KNEE ?? ?? PF	Flexible Legform Impactor (knee region)
D 0 TIBI ?? ?? PF	Flexible Legform Impactor (lower leg)



D 0 HEAD 00 00 FH AC X ?	Free Motion Headform Acceleration X	transducer
D 0 HEAD 00 00 FH AC Y ?	Free Motion Headform Acceleration Y	transducer
D 0 HEAD 00 00 FH AC Z ?	Free Motion Headform Acceleration Z	transducer
D 0 HEAD 00 00 H? AC X ?	(Hemisphere) Headform Acceleration X	transducer
D 0 HEAD 00 00 H? AC Y ?	(Hemisphere) Headform Acceleration Y	transducer
D 0 HEAD 00 00 H? AC Z ?	(Hemisphere) Headform Acceleration Z	transducer
D 0 HEAD 00 00 P? AC X ?	Headimpactor Acceleration X	transducer
D 0 HEAD 00 00 P? AC Y ?	Headimpactor Acceleration Y	transducer
D 0 HEAD 00 00 P? AC Z ?	Headimpactor Acceleration Z	transducer
D 0 HEAD 00 ?? ?? DS X V	Position X	filmanalysis
D 0 HEAD 00 ?? ?? DS Y V	Position Y	filmanalysis
D 0 HEAD 00 ?? ?? DS Z V	Position Z	filmanalysis
D 0 HEAD 00 ?? ?? AN X V	Rotation around X Axis	filmanalysis
D 0 HEAD 00 ?? ?? AN Y V	Rotation around Y Axis	filmanalysis
D 0 HEAD 00 ?? ?? AN Z V	Rotation around Z Axis	filmanalysis
D 0 FEMR UP 00 PU FO X ?	Upper Shear Force	transducer
D 0 FEMR LO 00 PU FO X ?	Lower Shear Force	transducer
D 0 FEMR UP 00 PU MO Y ?	Upper Bending Moment	transducer
D 0 FEMR MI 00 PU MO Y ?	Middle Bending Moment	transducer
D 0 FEMR LO 00 PU MO Y ?	Lower Bending Moment	transducer



D 0 TIBI UP 00 PL AC X ?	Tibia Acceleration	transducer
D 0 TIBI UP 00 PL AN Y ?	Bending Angle Tibia	transducer
D 0 FEMR 00 00 PL AN Y ?	Bending Angle Femur	transducer
D 0 KNEE 00 00 PL AN Y ?	Bending Angle effective	calculation
D 0 KNEE 00 00 PL DS X ?	Shear Displacement	calculation
D 0 FEMR 00 OR PL DS X V	Position X	filmanalysis
D 0 FEMR 00 OR PL DS Y V	Position Y	filmanalysis
D 0 FEMR 00 OR PL DS Z V	Position Z	filmanalysis
D 0 FEMR 00 OR PL AN X V	Orientation in lateral Plane YZ	filmanalysis
D 0 FEMR 00 OR PL AN Y V	Orientation in longitudinal Plane XZ	filmanalysis
D 0 FEMR 00 OR PL AN Z V	Orientation in horizontal Plane XY	filmanalysis
D 0 TIBI UP 00 PL DS X ?	Indentation at Hit Point	calculation
D 0 FEMR 00 00 PL VE X ?	Impact Velocity - Direct Measurement	transducer
D 0 FEMR 00 00 PL VD X ?	Impact Velocity - Differ. from Displ.	calculation
D 0 FEMR 00 00 PL VA X ?	Impact Velocity - Integr. from Accel.	calculation



D0FEMRUP00PFMOX	Femur Moment Upper X	D0KNEEUP00PFACX	Knee Upper Acc X
D0FEMRMI00PFMOX	Femur Moment MiddleX	D0KNEEUP00PFACY	Knee Upper Acc Y
D0FEMRLO00PFMOX	Femur Moment Lower X	D0KNEEUP00PFACZ	Knee Upper Acc Z
		D0KNEEUP00PFAVX	Knee Upper Ang Vel X
D0KNEELC00PFDS0	Knee LCL Elongation	D0KNEEUP00PFAVY	Knee Upper Ang Vel Y
D0KNEEAC00PFDS0	Knee ACL Elongation	D0KNEEUP00PFAVZ	Knee Upper Ang Vel Z
D0KNEEPC00PFDS0	Knee PCL Elongation		
D0KNEEMC00PFDS0	Knee MCL Elongation	D0KNEELO00PFACX	Knee Lower Acc X
		D0KNEELO00PFACY	Knee Lower Acc Y
D0KNEEBO00PFACY	Knee Bottom Acc Y	D0KNEELO00PFACZ	Knee Lower Acc Z
		D0KNEELO00PFAVX	Knee Lower Ang Vel X
D0TIBIUP00PFMOX	Tibia Moment Upper X	D0KNEELO00PFAVY	Knee Lower Ang Vel Y
D0TIBIMIUPPFMOX	Tibia Moment Mi Up X	D0KNEELO00PFAVZ	Knee Lower Ang Vel Z
D0TIBIMILOPFMOX	Tibia Moment Mi Lo X		
D0TIBILO00PFMOX	Tibia Moment Lower X	D0TIBI0100PFACY	Tibia Seg 1 Acc Y
		D0TIBI0200PFACY	Tibia Seg 2 Acc Y
D0FEMRTP00PFACX	Femur Top Acc X	D0TIBI0300PFACY	Tibia Seg 3 Acc Y
D0FEMRTP00PFACY	Femur Top Acc Y	D0TIBI0400PFACY	Tibia Seg 4 Acc Y
D0FEMRTP00PFACZ	Femur Top Acc Z	D0TIBI0500PFACY	Tibia Seg 5 Acc Y
D0FEMR0600PFACY	Femur Seg 6 Acc Y	D0TIBI0600PFACY	Tibia Seg 6 Acc Y
D0FEMR0500PFACY	Femur Seg 5 Acc Y	D0TIBI0700PFACY	Tibia Seg 7 Acc Y
D0FEMR0400PFACY	Femur Seg 4 Acc Y	D0TIBI0800PFACY	Tibia Seg 8 Acc Y
D0FEMR0300PFACY	Femur Seg 3 Acc Y		
D0FEMR0200PFACY	Femur Seg 2 Acc Y	D0TIBIBO00PFACX	Tibia Bottom Acc X
D0FEMR0100PFACY	Femur Seg 1 Acc Y	D0TIBIBO00PFACY	Tibia Bottom Acc Y
		D0TIBIBO00PFACZ	Tibia Bottom Acc Z