D 0 FEMR 00 00 PL AN Y

D 0 TIBI UP 00 PL AN Y

D 0 TIBI UP 00 PL AC X

Impact direction ▶
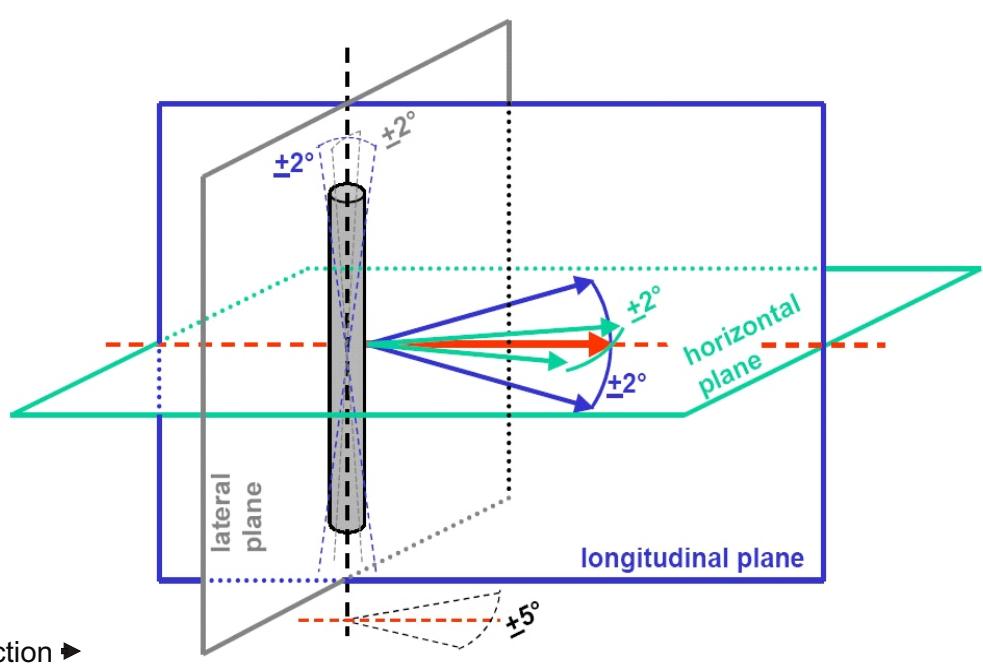
```
D 0 TIBI UP 00 PL AC X ?    Tibia acceleration              transducer
D 0 TIBI UP 00 PL AN Y ?    Bending angle tibia             transducer
D 0 FEMR 00 00 PL AN Y ?    Bending angle femur             transducer
D 0 KNEE 00 00 PL AN Y ?    Bending angle effective         calculation
D 0 KNEE 00 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
```