Flex-G Minor Modifications
onto the Flex-G Serial Number 01 (SN01)

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**Long bones**

**bone core support**

- **Flex-G (SN01)**
  - Impact direction

- **Flex-G (SN02 or later)**
  - Impact direction

Need to make small gap by users

- Stop at a certain depth automatically and make a small gap automatically

- Added support spacers to sustain the bone core more strongly

Knee condyle or Top or Bottom
Knee joint (1)
surface of condyle

Flex-G (SN01)

Side view

Groove (easy to know the initial position)

condyle eminence is attached to the groove

Flex-G (SN02 or later)

Side view

changed the groove shape (more bigger shape)

tend to do not make damage at the condyle eminences.
Knee joint (2)

knee spring

Flex-G (SN01)

only one side cables are moving

Flex-G (SN02 or later)

can move both side of the cables (same as LCL/MCL)
Assembly Dynamic Certification Test

Flex-G (SN02 or later)

Leg suspension angle 15 deg.

Free fall without Flesh

2 neoprene and 3 rubber sheets (5 sheets in total) are put onto the impact face

Flex-G (SN01): 1 neoprene and 1 rubber sheet (2 sheets in total) is used -> too severe impact