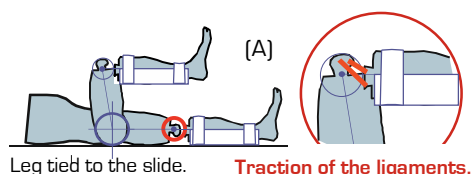


Passive gymnastics

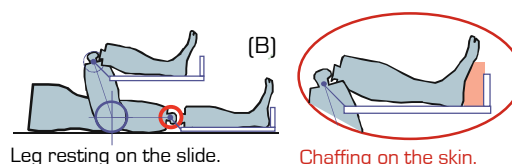
during the first phases of rehabilitation

The KTJ Knee Top Joint® can be mounted on the mobile arm of the machine for passive gymnastics and, in its movement, it prevents the onset of abnormal tensions caused by the different trajectories of the knee and the mobile arm.



If the leg is secured with a sling and the machine uses a non-physiological articulated joint (figure A) the latter will impose its motion, drawing the knee on its trajectory and creating traction and compression tensions on the cruciate ligaments and other damaged articular structures.

If the leg is rested on the mobile arm (figure B), the different trajectory forces the limb to rub on the machine which can cause chaffing and lead to skin ulcers.



The application of the KTJ Knee Top Joint® is particularly recommended when the patient cannot feel properly and therefore cannot sense the danger, since passive gymnastics tries to obviate degenerative factors caused by immobility using a non-physiological articulated joint, which can, in the long term, cause irreparable damage to what healthy tissue remains.

TECHNICAL DATA

Technical data: tension induced on the cruciate ligaments of the knee by different types of articulated joints.