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Signs and Symptoms: Total Knee Arthroplasty

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Figure 1: The knee is made up of the lower end of the thighbone (femur), the upper end of the shinbone (tibia), and the kneecap (patella). The ends of these three bones are covered with articular cartilage, a smooth substance that protects the bones and enables them to move easily within the joint. The most common cause of chronic knee pain and disability is arthritis. Although there are many types of arthritis, most knee pain is caused by just three types: osteoarthritis, rheumatoid arthritis, and post-traumatic arthritis. These are Auto immune diseases in which tissue attack their tissues without recognition of self and non self. Severe knee pain or stiffness that limits everyday activities, including walking, climbing and perform other physical activities. Moderate or severe knee pain while resting or sleeping in day or night. Chronic knee inflammation and swelling that does not improve with rest or medications. Knee replacement surgery can result in physical complications ranging from pain and swelling to implant rejection, infection and bone fractures. Pain may be the most common complication following knee replacement. It's normal for patients to experience some degree of pain up to six months after surgery. It improves the functional ability of the patient and the ability of the patient to get back to pre-disease state, which is to have a pain free mobile joint, as reflected by the improvement in the post knee clinical score and knee functional score.

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