

Tibia And Fibula Bones

The bone has the following components:

Lateral condyle of tibia extremity of tibia. Most of the tendon of the biceps femoris inserts on the fibula. Gerdy's The lateral condyle is the lateral portion of the upper extremity of tibia. It serves as the insertion for the biceps femoris muscle (small slip)

Crus fracture fracture of the lower legs bones meaning either or both of the tibia and fibula. Pilon fracture Tibial plateau fracture Tibia shaft fracture Bumper fracture A crus fracture is a fracture of the lower legs bones meaning either or both of the tibia and fibula

== Structure == Types of bone ==
The ossification or formation of the bone starts from three centers, one in the shaft and one...
Gosselin fracture - a fractures of the tibial plafond into anterior and posterior fragments

Leg bone These can include the following:. These can include the following: Femur – The bone in the thigh. Patella – The knee cap Tibia – The shin bone, the Leg bones are the bones found in the leg. Leg bones are the bones found in the leg

Toddler's fracture - an undisplaced and spiral fracture of the distal third to distal half of the tibia

Tarsus (skeleton) cluster of seven articulating bones in each foot situated between the lower end of the tibia and the fibula of the lower leg and the metatarsus. It is made In the human body, the tarsus (pl. : tarsi) is a cluster of seven articulating bones in each foot situated between the lower end of the tibia and the fibula of the lower leg and the

metatarsus. It is made up of the midfoot (cuboid, medial, intermediate, and lateral cuneiform, and navicular) and hindfoot (talus and calcaneus)

Tibial plateau fracture == Tibia fractures == Gavriil Abramovich Ilizarov developed the Ilizarov apparatus as a limb-sparing surgical remedy for the treatment of the osteopathic non-unions of patients with unhealed broken limbs. Consequent to a patient lengthening, rather than shortening, the adjustable-rod frame of his external-fixation apparatus, Ilizarov observed the formation of a fibrocartilage callus at and around the site of the bone fracture, and so discovered the phenomenon of distraction osteogenesis, the regeneration of bone and soft tissues that culminates in the creation of new bone. The tarsus articulates with the bones of the metatarsus, which in turn articulate with the proximal phalanges of the toes. The joint between the tibia and fibula above and the tarsus below is referred to as the ankle joint proper. It serves as the insertion for the biceps femoris muscle (small slip). Most of the tendon of the biceps femoris inserts on the fibula. In humans the largest bone in the tarsus is the calcaneus, which is the weight-bearing bone within the heel of the foot. Tibia shaft fracture == In humans == In humans, no muscles attach to the talus, unlike most bones, and its position therefore depends on the position of the neighbouring bones.

Anatomical terms of bone Long bones are found in the arms (humerus, ulna, radius) and legs (femur, tibia, fibula), as well as Many anatomical terms descriptive of bone are defined in anatomical terminology, and are often derived from Greek and Latin. Bone in the human body is categorized into long bone, short bone, flat bone, irregular bone and sesamoid bone. shape of a bone, not its size, which is relative

== References ==

Talus bone joints with the two bones of the lower leg,

the tibia and thinner fibula. It transmits the entire weight of the body from the lower legs to the foot. : tali), talus bone, astragalus (), or ankle bone is one of the group of foot bones known as the tarsus. These leg bones have two prominences (the lateral and medial malleoli) that The talus (; Latin for ankle or ankle bone; pl. The tarsus forms the lower part of the ankle joint c7305fff8f

== Structure == c7305fff8f Patella – The knee cap c7305fff8f Gerdy's tubercle c7305fff8f This fibrous band crosses obliquely and superiorly from the anterior aspect of the head of the fibula to the lateral condyle of the tibia. It merges with the fibrous capsule of the proximal tibiofibular joint and restrains its movements further. c7305fff8f The talus is the second largest of the tarsal bones; it is also one of the bones in the human body with the highest percentage of its surface area covered by articular cartilage. It is also unusual in that it has a retrograde blood supply, i.e. arterial blood enters the bone at the distal end. c7305fff8f Femur – The bone in the thigh. c7305fff8f Medial condyle of tibia c7305fff8f In 1987, the Ilizarov apparatus and Ilizarov... c7305fff8f In human anatomy, the tibia is the second largest bone after the femur. As in other vertebrates the tibia is one of two bones in the lower leg, the other being the fibula, and is a component of the knee and ankle joints. The tibia together with the fibula make up the front part of the leg, between the knee and the ankle, known as the shin. c7305fff8f The talus has joints with the two bones of the lower leg, the tibia and thinner fibula. These leg bones have two prominences (the lateral and medial malleoli) that articulate with the talus. At the foot end, within the tarsus, the talus articulates with the calcaneus (heel bone) below, and with the curved navicular bone in front; together, these foot articulations form the ball-and-socket-shaped talocalcaneonavicular joint. c7305fff8f

Tibia The leg bones are the strongest long bones as they support the rest of the body. : tibiae or tibias), also known as the shinbone, shankbone or simply the shin, is the larger, stronger, and anterior (frontal)

of the two bones in the leg below the knee in vertebrates (the other being the fibula, behind and to the outside of the tibia); it connects the knee with the ankle. It is the second largest bone in the human body, after the femur. (frontal) of the two bones in the leg below the knee in vertebrates (the other being the fibula, behind and to the outside of the tibia); it connects the The tibia (; pl. The tibia is named for the flute tibia. The tibia is found on the medial side of the leg next to the fibula and closer to the median plane. The tibia is connected to the fibula by the interosseous membrane of leg, forming a type of fibrous joint called a syndesmosis with very little movement c7305fff8f

Tibia – The shin bone, the larger of the two leg bones located below the knee cap c7305fff8f Fibula – The smaller of the two leg bones located below the patella c7305fff8f

Ilizarov apparatus The Ilizarov apparatus corrects deformed bones by way of the The Ilizarov apparatus is a type of external fixation apparatus used in orthopedic surgery to lengthen or to reshape the damaged bones of an arm or a leg; used as a limb-sparing technique for treating complex fractures and open bone fractures; and used to treat an infected non-union of bones, which cannot be surgically resolved. callus-formation progress and healing of the fractured tibia and fibula bones, four months post-fracture. The Ilizarov apparatus corrects angular deformity in a leg, corrects differences in the lengths of the legs of the patient, and resolves osteopathic non-unions; further developments of the Ilizarov apparatus progressed to the development of the Taylor Spatial Frame c7305fff8f

Fibula The fibula (pl. : fibulae or fibulas) or calf bone is a leg bone on the lateral side of the tibia, to which it is connected above and below. Its upper extremity is small, placed toward the back of the head of the tibia, below the knee joint and excluded from the formation of this joint. It is the smaller The fibula (pl. It is the smaller of the two bones and, in proportion to its length, the most slender of all the

long bones. : fibulae or fibulas) or calf bone is a leg bone on the lateral side of the tibia, to which it is connected above and below. Its lower extremity inclines a little forward, so as to be on a plane anterior to that of the upper end; it projects below the tibia and forms the lateral part of the ankle joint c7305fff8f

== Human anatomy == c7305fff8f Pilon fracture c7305fff8f

Anterior ligament of the head of the fibula the front of the head of the fibula to the front of the lateral condyle of the tibia. This fibrous band crosses obliquely and superiorly from the anterior The anterior ligament of the head of the fibula (anterior superior ligament) consists of two or three broad and flat bands, which pass obliquely upward from the front of the head of the fibula to the front of the lateral condyle of the tibia c7305fff8f

Bumper fracture - a fracture of the lateral tibial plateau caused by a forced valgus applied to the knee c7305fff8f This article incorporates text in the public domain from page 348 of the 20th edition of Gray's Anatomy (1918) c7305fff8f Second fracture - an avulsion fracture of the lateral tibial condyle c7305fff8f == See also == c7305fff8f

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