

## Different Types of Pediatric Fractures



Pediatric fractures are broken bone situations that occur in children under the age of 18. These orthopedic injuries are common and almost everyone experiences them at least once in a lifetime. In most cases, fractures are mild and may not require any surgery. While on the other hand, some fractures are severe enough to require [orthopedic implants](#) for surgical treatment.

In this post, we will talk about some of the common types of pediatric fractures.

### What Are the Different Types of Pediatric Fractures?

### **Greenstick Fracture**

A greenstick fracture occurs when the bone bends but does not completely break. This type of fracture is common in children because their bones are still soft and pliable. They usually occur in the forearm, but they can also occur in the leg bones.

### **Buckle Fracture**

Buckle fractures, also known as torus fractures, are common in children under the age of 10. This type of fracture occurs when one side of the bone buckles or caves in without breaking. Buckle fractures generally affect the forearm or wrist.

### **Complete Fracture**

A complete fracture occurs when the bone breaks completely into two or more pieces. This type of fracture can be displaced or nondisplaced, which means the broken bone is either out of place or still aligned. They can affect any bone in the body and are common in high-energy injuries such as car accidents.

### **Growth Plate Fracture**

The growth plate is an area of developing tissue at the end of long bones in children. Growth plate fractures occur when a bone breaks through the growth plate. These types of fractures are common in children and adolescents because their growth plates are still developing. Such fractures can cause the bone to grow abnormally, leading to deformities or limb length discrepancies.

### **Avulsion Fracture**

An avulsion fracture is a condition in which a small piece of bone breaks off from the main bone. This type of fracture usually occurs at the site where a tendon or ligament attaches to the bone. They are common in children who participate in sports that require sudden stops or changes in direction.

### **Stress Fracture**

A stress fracture occurs when a bone is repeatedly stressed, causing a small crack or break. Stress fractures are common in children who participate in sports such as running, gymnastics, or basketball. These types of fractures usually occur in the foot or lower leg and can be difficult to diagnose.

### **Salter-Harris Fracture**

A Salter-Harris fracture is a type of growth plate fracture that occurs in children. This type of fracture occurs when the bone breaks through the growth plate and extends into the bone shaft. They are classified into five types based on the severity of the injury.

In conclusion, pediatric fractures can occur due to various reasons and can affect any bone in the body. The treatment and recovery process for pediatric fractures depends on the type and severity of the injury. It is important for parents to seek medical attention if they suspect their child has a fracture. Early diagnosis and treatment can help prevent long-term complications such as deformities or limb length discrepancies.

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**Contact Information:**

**Siora Surgicals Pvt. Ltd.**

**Address:** WZ- 1, 2nd Floor, Phool Bagh, RamPura New Delhi, India

**Mobile:** +(91)-9810021264

**Email:** [online@siora.net](mailto:online@siora.net)

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