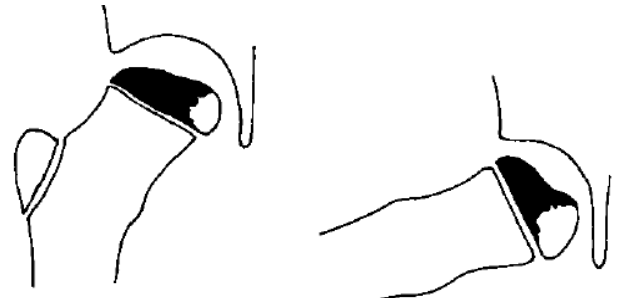


Modified Elizabethtown Classification



Stage Ia: Part or whole of the epiphysis is sclerotic. There is no loss of height of the epiphysis.



Stage Ib: The epiphysis is sclerotic and there is loss of epiphyseal height. There is no evidence of fragmentation of the epiphysis.



Stage IIa: The sclerotic epiphysis has just begun to fragment. One or two vertical fissures are seen in either the anteroposterior or the Lauenstein lateral view (*arrows*).



Stage IIb: Fragmentation is advanced. No new bone is visible lateral to the fragmented epiphysis.



Stage IIIa: Early new bone formation is visible on the periphery of the necrotic epiphysis. The texture of the new bone is not normal; it is "porotic" and covers less than a third of the width of the epiphysis (*arrows*).



Stage IIIb: The new bone is of normal texture and has grown over a third of the width of the epiphysis.

Stage IV: Healing is complete and there is no radiologically identifiable avascular bone.