

Foot Ossification Chart

Bone	Primary Center	Secondary Center	Fusion
1 st Metatarsal	3 rd month of fetal development in the shaft	3 rd year of age in the base *sometimes in the head at 7-10 years of age	18-20 years of age
Metatarsal 2-5	3 rd month of fetal development in the shaft	3 rd year of age in the head *sometimes tuberosity of the 5 th at 7-10 years of age	18-20 years of age
Phalanges	3 rd – 4 th month of fetal development in the shaft	6 months – 2 years of age in the base	18-20 years of age
Calcaneus	5 th -6 th month of fetal development	4 th -10 th year of age in the posterior aspect	14-16 years of age
Talus	6 th -7 th month of fetal development	*sometimes in the lateral tubercle around 8-9 years of age	May or may not fuse
Cuboid	9 th month of fetal development (sometimes shortly after birth)		
Lateral Cuneiform	6 months of age		
Intermediate Cuneiform	1 year of age		
Medial Cuneiform	1.5 years of age		
Navicular	2.5-5 years of age	*sometimes in the tuberosity at 10 years of age	May or may not fuse
Sesamoids	7-8 years of age		



This foot is missing the intermediate cuneiform (which ossifies around 1 year of age), so this patient would be between 6 months and 1 year of age.