Chromosome 21 Ring is a rare chromosomal disorder in which the affected infant has a breakage of chromosome 21 at both ends, and the ends of the chromosome join together to form a ring. The amount of genetic material lost at the two ends of the chromosome may vary. As a result, an infant with very little absent genetic material may have no apparent symptoms while an infant with a significant part of the chromosomal ends missing may have many symptoms. When symptoms of the disorder are present, the affected infant may have mental retardation as well as abnormalities of the face, eyes, skeleton, and/or internal organs. Chromosome 21 Ring is a rare chromosomal disorder that appears to affect males and females in equal numbers.