Arterial Calcification of Infancy

Other names that may be used for this disorder are:
• ACI
• Aortic Calcinoses
• Arterial Medial Calcification of Infancy
• GACI
• Generalised Arterial Calcification of Infancy
• Idiopathic Infantile Arterial Calcification
• Idiopathic Obliterative Arteriopathy
• IIAC
• Infantile Arteriosclerosis
• Infantile Calcifying Arteriopathy
• Medial Coronary Sclerosis of Infancy
• Occlusive Infantile Arteriopathy

Arterial Calcification of Infancy is characterised by calcium deposits in soft tissues and the artery walls, especially in the arteries that supply blood to the heart (coronary arteries). These deposits can restrict the flow of oxygen and nutrients to the heart and other organs. The narrowing and/or underdevelopment (hypoplasia) of blood vessels and internal bleeding (haemorrhaging) may also be apparent. This disorder is very rare and there has only been approximately 100 cases reported worldwide. The majority of these cases have been seen in Caucasians.

Treatment of this disorder may include diphosphonate therapy and treatment for high blood pressure. Research into treatments for this disorder are ongoing. The disorder has recently been linked with a new gene defect. It is believed that individuals with this defect may have a more favourable outcome. Genetic counselling may be of benefit for the families of those affected by this disorder.

This information is fully sourced and referenced, for more detailed information and references please contact CLIMB by email, letter or telephone.

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