Granular corneal dystrophy type 1

Category(ies): Cornea, Genetics, Inherited Eye Disease

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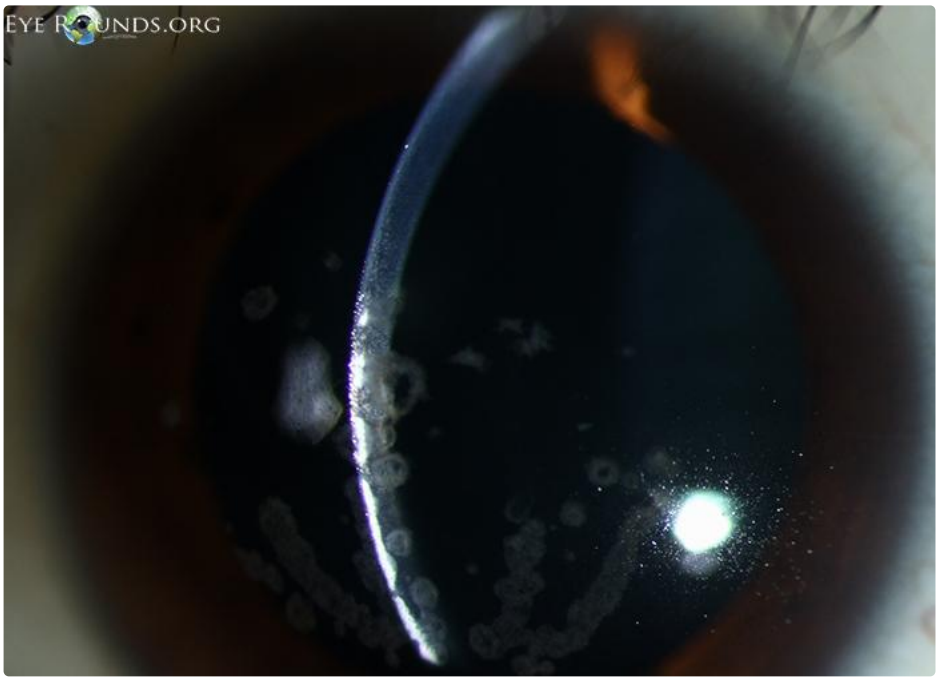
Granular corneal dystrophy type 1 is an autosomal dominant condition secondary to a mutation in the TGFβ1 gene. This dystrophy results in hyaline material deposition which appears early in life as discrete "bread crumb" or "rock candy" granular opacities in the anterior corneal stroma with intervening clear spaces and sparing of the periphery. These opacities enlarge and eventually may become confluent later in life.

Three photos from different patients portraying both the "bread crumb" and "rock candy" appearances of the condition.

OMIM #121900, see also *601692



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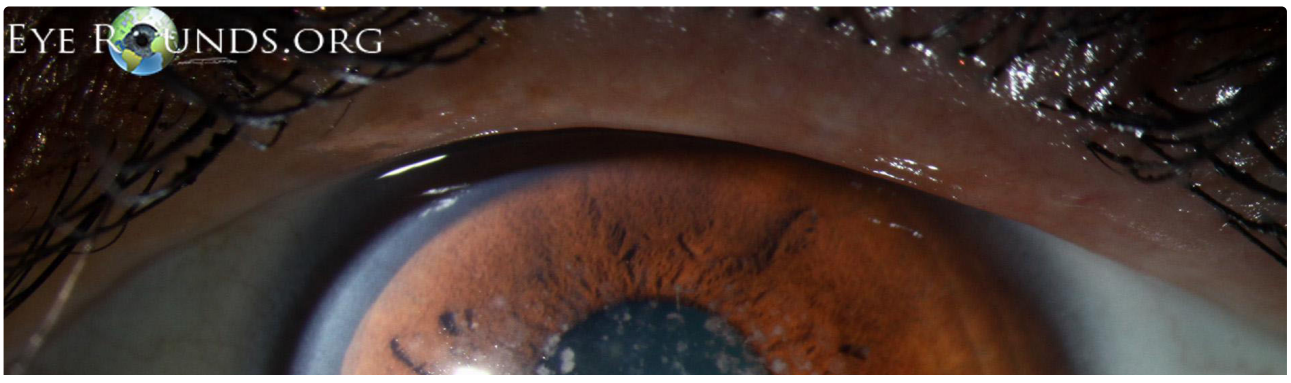

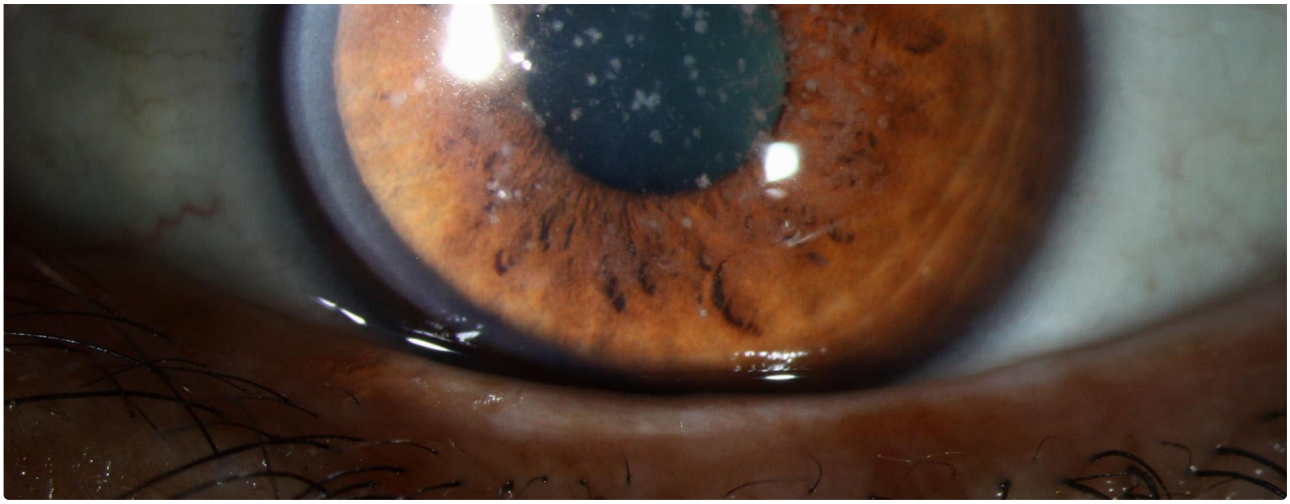

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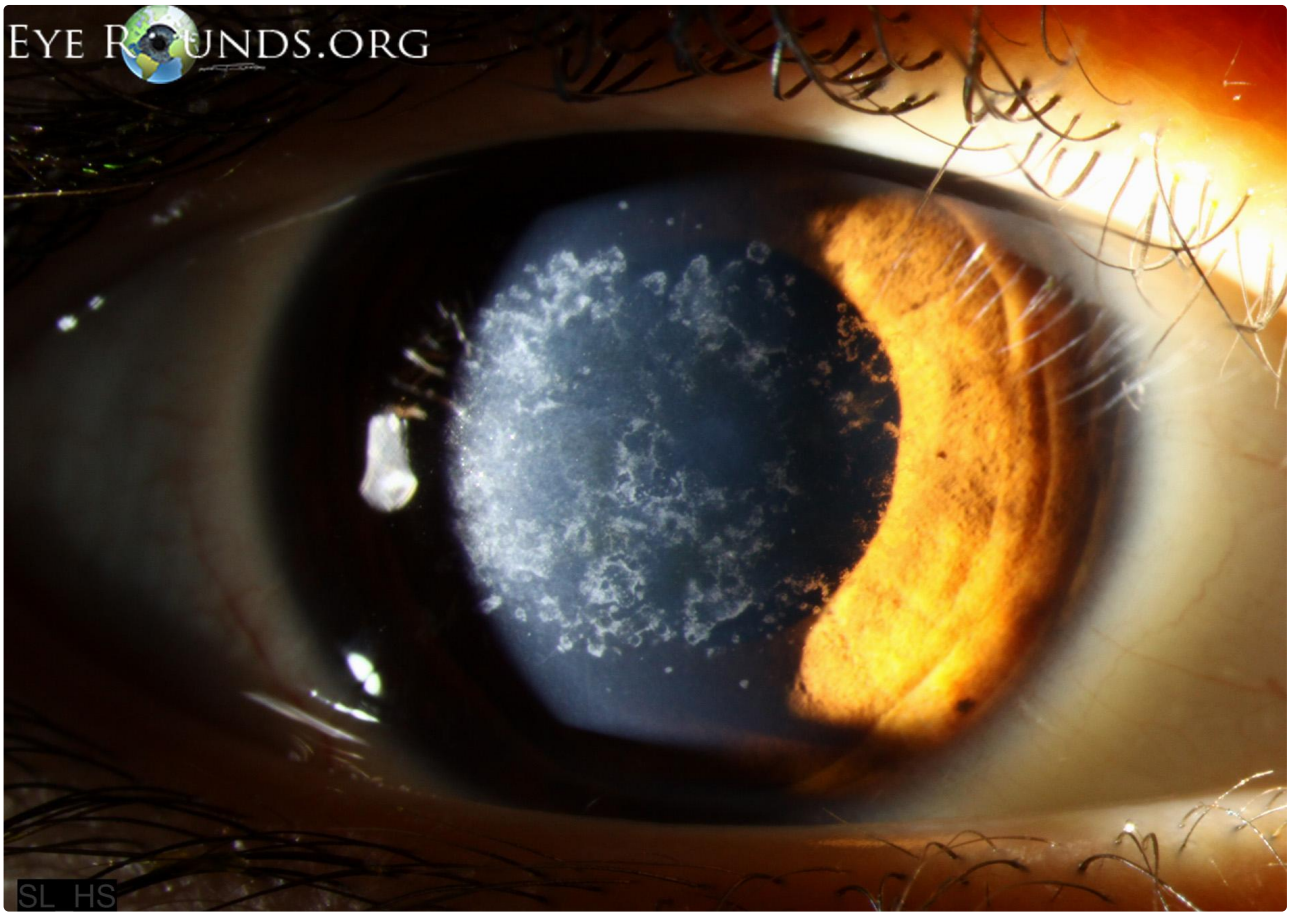

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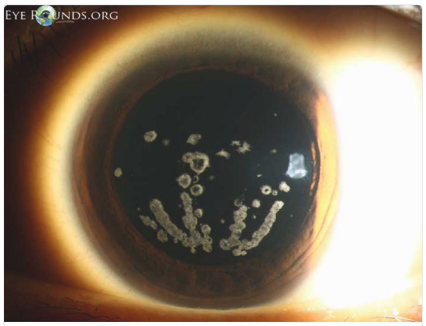

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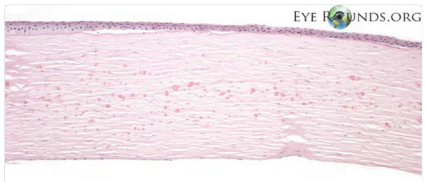

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