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GI manifestations can happen at any point in a Fabry patient's life. And there's a wide range in terms of prevalence in Fabry patients, depending on the study and depending on the patients that have been examined. There's a range between 20% up to 70% of Fabry patients have some form of gastrointestinal manifestations of their disease. And this could be presenting in multiple different types of ways, the most common being abdominal pain and diarrhea.

There's a study that came out that looked at very young children and found that as early as one year of age, some Fabry patients do have some type of manifestation of GI symptoms. The typical onset of symptoms is frequently in childhood. And up to 20% of patients with Fabry disease will have their initial presentation and be a GI symptom.

Boys typically present younger than girls. So usually the average age is around five years old a Fabry patient can have some type of gastrointestinal symptom. Girls tend to be a little bit later, around 9 or 10 years old. Some studies have also shown that girls have a milder presentation of their GI symptoms.

However, additional studies show that as patients age, both males and females become equal in terms of severity of their GI symptoms. In terms of adulthood, there are also patients who will present with their GI symptoms as they get older. And then there's also a phenomenon that was found that maybe some of these patients, their GI symptoms improve also as they get older. And there are thoughts, various ideas about ideology and why that would happen to some patients.