Healthcare resource utilization in patients with Alagille syndrome

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Methods

Databases and cohort selection
Health maintenance organization (HMO) and commercial administrative claims databases (October 1, 2015 to December 31, 2019) were analyzed retrospectively.

ALGS cohort selection algorithm.

Step 1: ≥1 diagnosis code for other congenital malformations of the liver

Step 2: Age <18 years as at the potential index date

Step 3: ≥6 months of continuous eligibility

Step 4: No diagnosis codes for atresia of bile ducts (ICD-10 code: Q44.2)

Results

Patient characteristics

- All cause HRU and costs were assessed throughout the study period as the number of healthcare services experienced by patients.
- Healthcare visits included physician visits, healthcare encounters (gastroenterology, dermatology, and dermatology), hospital visits, home visits, emergency room visits, emergency department visits, and other healthcare services.
- Home care visits were defined as any visits with a healthcare professional.
- Other visits were defined as visits associated with durable medical equipment or dental care.
- All cause costs were defined as the costs incurred from the perspective of members and were reported in 2019 US dollars ($).
- Healthcare visits were paid for by the payer.