

SmartPA Criteria Proposal

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| Drug/Drug Class: | Bile Salt Agents PDL Edit |
| First Implementation Date: | June 23, 2011 |
| Proposal Date: | December 16, 2021 |
| Prepared For: | MO HealthNet |
| Prepared By: | MO HealthNet/Conduent |
| Criteria Status: | <input type="checkbox"/> Existing Criteria <input checked="" type="checkbox"/> Revision of Existing Criteria <input type="checkbox"/> New Criteria |

Executive Summary

Purpose: The MO HealthNet Pharmacy Program will implement a state-specific preferred drug list.

Why Issue Selected: Cholelithiasis (gallstones) occurs when either cholesterol or bilirubin precipitates out of bile solution to form crystallized pieces of bile in the gallbladder. In the United States (U.S.), almost 80% of participants with gallstones have cholesterol stones. Gallstone diseases affect 10 to 15 percent of the U.S. population, with close to 1 million new cases diagnosed each year. Participants with gallstone diseases may be asymptomatic or present with biliary colic or complications of gallstone disease. Gallstone blockages of the cystic duct result in pain and inflammation, which may lead to fever, jaundice, and infections. Treatment is usually unnecessary if gallstones are not causing symptoms. If treatment is warranted, cholecystectomy is the most widely used therapy. Alternatively, dissolution of the stones by chemicals, ursodiol or chenodiol, is used rather than surgery. These oral agents thin the bile and allow stones to dissolve. In addition, ursodiol decreases cholesterol in bile and bile stones by reducing the secretion of cholesterol from the liver and the fractional reabsorption of cholesterol by the intestines. Use of pharmacologic therapy is limited to small stones which are predominantly composed of cholesterol, allowing for rapid and complete dissolution. The most common adverse effects include headache, diarrhea, constipation, dizziness, nausea, and dyspepsia.

Cholestasis is the decrease in bile flow due to impaired secretion by hepatocytes or obstruction of bile flow through intrahepatic or extrahepatic bile ducts. Cholestasis is categorized as either hepatocellular or obstructive. Hepatocellular cholestasis occurs when there is an impairment in the formation of bile and can be caused by hepatitis, alpha1-antitrypsin deficiency, total parental nutrition (TPN) use, or genetic disorders such as progressive familial intrahepatic cholestasis (PFIC). In obstructive cholestasis there is an impedance to bile flow after it is formed, this can be caused by biliary atresia, congenital bile duct anomalies, cholelithiasis, cholangitis, Alagille syndrome, and nonsyndromic ductal paucity. Presentation may vary depending on disease but symptoms may include scleral icterus, elevated bilirubin, dark urine, cutaneous jaundice, and severe pruritus. Treatment involves pharmacologic therapy, dietary modification, and surgical intervention depending on the severity and cause of cholestasis.

Total program savings for the PDL classes will be regularly reviewed.

- Characteristic facial features
- Cardiac defect
- Skeletal abnormalities

Denial Criteria

- Lack of adequate trial on required preferred agents
- Therapy will be denied if all approval criteria are not met
- **For Bylvay and Livmarli:**
 - History of liver transplant or decompensated cirrhosis
 - Participant (female of childbearing age) is pregnant
- **For Bylvay:**
 - Documented genetic testing indicating PFIC Type 2 with *ABCB11* variants encoding for nonfunction or absence of BSEP-3
 - Dose exceeds 6 mg per day
- **For Livmarli:**
 - Dose exceeds 3 mL per day

Required Documentation

Laboratory Results:
MedWatch Form:

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| X |
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Progress Notes:
Other:

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Disposition of Edit

Denial: Exception Code "0160" (Preferred Drug List Edit)
Rule Type: PDL

Default Approval Period

1 year

References

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