GUIDELINES
This policy does not certify benefits or authorization of benefits, which is designated by each individual policyholder contract. Paramount applies coding edits to all medical claims through coding logic software to evaluate the accuracy and adherence to accepted national standards. This guideline is solely for explaining correct procedure reporting and does not imply coverage and reimbursement.

DESCRIPTION
Wireless capsule endoscopy (WCE), or capsule endoscopy (CPT Codes 91110 & 91111), is a noninvasive procedure, where an ingestible capsule containing a miniaturized video camera is swallowed, that contains a light, transmitter, and batteries. A video recording is taken as it moves through the gastrointestinal (GI) tract. Capsule endoscopy directly studies the entire bowel and is used for detecting lesions or pathology outside the reach of upper or lower endoscopy. Advocates currently support its use to view the entire gastrointestinal tract, esophagus to colon, for multiple conditions. Capsule endoscopy could ultimately reduce the number of initial diagnostic procedures necessary in patients with suspected small bowel disease or chronic GI bleeding. An example includes, but may not be limited to:
- Pill Cam® SB 3, Olympus Small Intestine Endoscope Capsule: Devices for the small bowel

A Wireless Gastrointestinal Motility Monitoring System (CPT Code 91112) is an ingestible capsule with a trade name SmartPill. The SmartPill records data enabling the estimation of regional and total gastrointestinal motility. The device has FDA approval to evaluate patients with suspected delayed gastric emptying and the evaluation of colonic transit time in patients with chronic idiopathic constipation. The capsule device measures pH, temperature, and pressure while traveling through the GI tract - sending the data to a wireless receiver worn on or near the patient. The data can be used to determine GI motility, gastric emptying, small bowel transit, colonic transit, and whole gut transit times. The capsule can also provide pressure patterns within the GI tract. The study can be done in a physician office after the patient has discontinued use of all medications that affect the GI tract. An example includes, but may not be limited to:
- SmartPill® GI Monitoring System - Intended for use as a diagnostic tool in the measurement of pH pressures and temperatures throughout the GI tract, gastric emptying time, total transit time and combined small-large bowel transit time.

POLICY
WCE & Wireless Gastrointestinal Motility Monitoring System (91110, 91111, 91112) require prior authorization for HMO, Individual Marketplace, Elite, and Advantage.

WCE & Wireless Gastrointestinal Motility Monitoring System (91110, 91111, 91112) do not require prior authorization for PPO.

Procedure code 0355T is non-covered.

HMO, PPO, Individual Marketplace, Elite, Advantage
Paramount utilizes InterQual® criteria sets for medical necessity determinations for WCE & Wireless Gastrointestinal Motility Monitoring System (91110, 91111, 91112).

Procedure code 0355T is non-covered.

CODING/BILLING INFORMATION
The appearance of a code in this section does not necessarily indicate coverage. Codes that are covered may have selection criteria that must be met. Payment for supplies may be included in payment for other services rendered.

<table>
<thead>
<tr>
<th>CPT CODES</th>
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<tr>
<td><strong>91110</strong></td>
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<td><strong>91111</strong></td>
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REVISION HISTORY EXPLANATION
01/01/06: No changes
12/01/06: Revised codes
01/01/08: No changes
03/01/09: No changes
01/01/11: Updated
01/01/12: Updated
12/13/12: Updated
06/24/14: Changed title of policy title from Wireless Capsule Endoscopy to Wireless Capsule Endoscopy & Gastrointestinal Motility Monitoring System. Policy reviewed and updated to reflect most current clinical evidence per Medical Policy Steering Committee.
10/14/14: Added procedure code 0355T effective 07/01/2014. Policy reviewed and updated to reflect most current clinical evidence per Medical Policy Steering Committee.

REFERENCES/RESOURCES
Centers for Medicare and Medicaid Services, CMS Manual System and other CMS publications and services
Ohio Department of Medicaid http://jfs.ohio.gov/
American Medical Association, Current Procedural Terminology (CPT®) and associated publications and services
Centers for Medicare and Medicaid Services, Healthcare Common Procedure Coding System, HCPCS Release and Code Sets
Industry Standard Review
Hayes, Inc.
InterQual