Endoscopy by Video Capsule

Non-Discrimination Statement and Multi-Language Interpreter Services information are located at the end of this document.

Coverage for services, procedures, medical devices and drugs are dependent upon benefit eligibility as outlined in the member's specific benefit plan. This Medical Coverage Guideline must be read in its entirety to determine coverage eligibility, if any.

This Medical Coverage Guideline provides information related to coverage determinations only and does not imply that a service or treatment is clinically appropriate or inappropriate. The provider and the member are responsible for all decisions regarding the appropriateness of care. Providers should provide BCBSAZ complete medical rationale when requesting any exceptions to these guidelines.

The section identified as “Description” defines or describes a service, procedure, medical device or drug and is in no way intended as a statement of medical necessity and/or coverage.

The section identified as “Criteria” defines criteria to determine whether a service, procedure, medical device or drug is considered medically necessary or experimental or investigational.

State or federal mandates, e.g., FEP program, may dictate that any drug, device or biological product approved by the U.S. Food and Drug Administration (FDA) may not be considered experimental or investigational and thus the drug, device or biological product may be assessed only on the basis of medical necessity.

Medical Coverage Guidelines are subject to change as new information becomes available.

For purposes of this Medical Coverage Guideline, the terms "experimental" and "investigational" are considered to be interchangeable.

BLUE CROSS®, BLUE SHIELD® and the Cross and Shield Symbols are registered service marks of the Blue Cross and Blue Shield Association, an association of independent Blue Cross and Blue Shield Plans. All other trademarks and service marks contained in this guideline are the property of their respective owners, which are not affiliated with BCBSAZ.
ENDOSCOPY BY VIDEO CAPSULE (cont.)

Description:

Capsule video endoscopy is performed using the PillCam™ Given® Diagnostic Imaging System, an ingestible wireless endoscope the size of a large capsule which contains a camera, lights, transmitter and batteries. The capsule is swallowed and propelled through the digestive tract by natural muscular waves. The capsule transmits images of the esophagus and/or small intestine to a data recorder worn around the waist. The data is recorded and then transferred to a computer for processing and analysis. Capsule video endoscopy has also been investigated as a technique for evaluation of the colon.

The Given® AGILE Patency System is an accessory capsule to the PillCam system. It has been investigated as a device to verify adequate patency of the gastrointestinal tract before administration of the PillCam in individuals with known or suspected strictures. This capsule is made of lactose and barium and dissolves within 30 to 100 hours of entering the GI tract. It carries a tracer material that can be detected by a scanning device. Excretion of the intact capsule without symptoms (abdominal pain or obstruction) is reported to predict the uncomplicated passage of the wireless capsule.

The PillCam COLON has been investigated for detection of colon polyps in individuals after an incomplete colonoscopy with adequate preparation and a complete evaluation of the colon was not technically possible.
ENDOSCOPY BY VIDEO CAPSULE (cont.)

Criteria:

- Capsule video endoscopy as an adjunct to other endoscopic and radiologic evaluations of the gastrointestinal system is considered *medically necessary* with documentation of *ANY* of the following:

1. Suspected Crohn's disease of the small bowel with negative upper and lower endoscopy and documentation of *ANY* of the following:
   - Abdominal pain, persistent
   - Bleeding
   - Diarrhea
   - Negative stool cultures
   - Weight loss

2. In individuals with an established diagnosis of Crohn’s disease, when there are unexpected change(s) in the course of disease or response to treatment, suggesting the initial diagnosis may be incorrect and re-examination may be indicated.

3. Suspected small bowel bleeding as evidenced by prior inconclusive upper and lower gastrointestinal bleeding endoscopic studies performed during the current episode of illness

4. Small bowel surveillance with documentation of *ANY* of the following hereditary gastrointestinal polyposis syndromes:
   - Familial adenomatous polyposis including but not limited to Gardner’s syndrome
   - Peutz-Jeghers syndrome
ENDOSCOPY BY VIDEO CAPSULE (cont.)

Criteria: (cont.)

- Capsule video endoscopy for all other indications not previously listed or if above criteria not met is considered experimental or investigational based upon:

  1. Insufficient scientific evidence to permit conclusions concerning the effect on health outcomes, and
  2. Insufficient evidence to support improvement of the net health outcome, and
  3. Insufficient evidence to support improvement of the net health outcome as much as, or more than, established alternatives, and

These indications include, but are not limited to:

- Evaluation of the esophagus in individuals with gastroesophageal reflux disease (GERD) or other esophageal pathologies
- Evaluation of other gastrointestinal diseases and conditions not presenting with gastrointestinal bleeding, including, but not limited to, celiac sprue, irritable bowel syndrome, Lynch syndrome, portal hypertensive enteropathy, unexplained chronic abdominal pain and small bowel neoplasm
- Evaluation of the colon including, but not limited to, detection of colonic polyps or colon cancer
- Initial evaluation of acute upper gastrointestinal bleeding

- The patency capsule to evaluate patency of the gastrointestinal tract before wireless capsule endoscopy is considered experimental or investigational based upon:

  1. Insufficient scientific evidence to permit conclusions concerning the effect on health outcomes, and
  2. Insufficient evidence to support improvement of the net health outcome, and
  3. Insufficient evidence to support improvement of the net health outcome as much as, or more than, established alternatives.

1 Capsule video endoscopy must not be provided as a replacement for endoscopic or radiologic evaluation or as a first-line test for evaluation of obscure gastrointestinal bleeding. Other types of endoscopic or radiologic evaluations include colonoscopy, upper esophagogastroduodenoscopy, small bowel follow through and enteroclysis.
ENDOSCOPY BY VIDEO CAPSULE (cont.)

Resources:

Literature reviewed 12/20/16. We do not include marketing materials, poster boards and non-published literature in our review.

The BCBS Association Medical Policy Reference Manual (MPRM) policy is included in our guideline review. References cited in the MPRM policy are not duplicated on this guideline.


ENDOSCOPY BY VIDEO CAPSULE (cont.)

Resources: (cont.)


ENDOSCOPY BY VIDEO CAPSULE (cont.)

Resources: (cont.)


21. Leighton JA. Recent advances in endoscopic capsule imaging: see what we have been missing. Rev Gastroenterol Disord. 2006;6 Suppl 1:S19-27.


ENDOSCOPY BY VIDEO CAPSULE (cont.)

Resources: (cont.)


ENDOSCOPY BY VIDEO CAPSULE (cont.)

Non-Discrimination Statement:

Blue Cross Blue Shield of Arizona (BCBSAZ) complies with applicable Federal civil rights laws and does not discriminate on the basis of race, color, national origin, age, disability or sex. BCBSAZ provides appropriate free aids and services, such as qualified interpreters and written information in other formats, to people with disabilities to communicate effectively with us. BCBSAZ also provides free language services to people whose primary language is not English, such as qualified interpreters and information written in other languages. If you need these services, call (602) 864-4884 for Spanish and (877) 475-4799 for all other languages and other aids and services.

If you believe that BCBSAZ has failed to provide these services or discriminated in another way on the basis of race, color, national origin, age, disability or sex, you can file a grievance with: BCBSAZ’s Civil Rights Coordinator, Attn: Civil Rights Coordinator, Blue Cross Blue Shield of Arizona, P.O. Box 13466, Phoenix, AZ 85002-3466, (602) 864-2288, TTY/TDD (602) 864-4823, crc@azblue.com. You can file a grievance in person or by mail or email. If you need help filing a grievance BCBSAZ’s Civil Rights Coordinator is available to help you. You can also file a civil rights complaint with the U.S. Department of Health and Human Services, Office for Civil Rights electronically through the Office for Civil Rights Complaint Portal, available at https://ocrportal.hhs.gov/ocr/portal/lobby.jsf, or by mail or phone at: U.S. Department of Health and Human Services, 200 Independence Avenue SW., Room 509F, HHH Building, Washington, DC 20201, 1–800–368–1019, 800–537–7697 (TDD). Complaint forms are available at http://www.hhs.gov/ocr/office/file/index.html

Multi-Language Interpreter Services:

Spanish: Si usted, o alguien a quien usted está ayudando, tiene preguntas acerca de Blue Cross Blue Shield of Arizona, tiene derecho a obtener ayuda e información en su idioma sin costo alguno. Para hablar con un intérprete, llame al 602-864-4884.

Navajo: Díi kwe’étah níllíñígíí Blue Cross Blue Shield of Arizona haadá yit’éégo bina’ídíldíkgo éí doodago Háida bíví anílveedíígií t’áadoo le’é yína’ídíldíkgo beehaz’ánní hólo díí t’áá hazaad’ehíí háká a’doowolgo bee haz’a doo báqí ilínígóó. Atá’hálahéé’íí kójí bíchíí jí hodíllííh 877-475-4799.

Chinese: 如果您，或是您正在協助的對象，有關於插入項目的名稱 Blue Cross Blue Shield of Arizona 方面的問題，您有權利免費以您的母語得到幫助和訊息。洽詢一位翻譯員，請撥電話 在此插入數字 877-475-4799。

Vietnamese: Nếu quý vị, hay người mà quý vị đang giúp đỡ, có câu hỏi về Blue Cross Blue Shield of Arizona quý vị sẽ có quyền được giúp và có thêm thông tin bằng ngôn ngữ của mình miễn phí. Để nói chuyện với một thông dịch viên, xin gọi 877-475-4799.

Arabic:
إن كان لديك أو أدى شخص تساعده أسئلة بخصوص Blue Cross Blue Shield of Arizona الضرورية بلغتك من دون اية تكلفة، للتحدث مع مترجم اتصل ب 877-475-4799.
ENDOSCOPY BY VIDEO CAPSULE (cont.)

Multi-Language Interpreter Services: (cont.)

Tagalog: Kung ikaw, o ang iyong tinutulungan, ay may mga katarungan tungkol sa Blue Cross Blue Shield of Arizona, may karapatan ka na makakusa ng tulong at impormasyon sa iyong wika ng walang gastos. Upang makausap ang isang tagasalin, tumawag sa 877-475-4799.

Korean: 만약 귀하 또는 귀하가 돕고 있는 어떤 사람이 Blue Cross Blue Shield of Arizona에 관해서 질문이 있다면 귀하는 그러한 도움과 정보를 귀하의 언어로 비용 부담없이 얻을 수 있는 권리가 있습니다. 그렇게 동역사와 얘기하기 위해서는 877-475-4799 로 전화하십시오.

French: Si vous, ou quelqu'un que vous êtes en train d'aider, a des questions à propos de Blue Cross Blue Shield of Arizona, vous avez le droit d'obtenir de l'aide et l'information dans votre langue à aucun coût. Pour parler à un interprète, appelez 877-475-4799.

German: Falls Sie oder jemand, dem Sie helfen, Fragen zum Blue Cross Blue Shield of Arizona haben, haben Sie das Recht, kostenlose Hilfe und Informationen in Ihrer Sprache zu erhalten. Um mit einem Dolmetscher zu sprechen, rufen Sie bitte die Nummer 877-475-4799 an.

Russian: Если у вас или лица, которому вы помогаете, имеются вопросы по поводу Blue Cross Blue Shield of Arizona, то вы имеете право на бесплатное получение помощи и информации на вашем языке. Для разговора с переводчиком позвоните по телефону 877-475-4799.

Japanese: ご本人様、またはお客様の身の回りの方でも、Blue Cross Blue Shield of Arizonaについてご質問がございましたら、ご希望の言語でサポートを受けたり、情報を入手したりすることができます。料金はかかりません。通訳とお話される場合、877-475-4799 までお電話ください。

Farsi:

آگر شما، یا کسی که شما به او کمک می‌کنید، سوالی دارید در مورد اطلاعات به زبان خود را به طور رایگان در زبان انگلیسی 877-475-4799 که کمک حاضر می‌نماید.

Assyrian:

Blue Cross Blue Shield of Arizona ئي‌ه‌ه‌ه، ماس بگ‌ه‌ه، گام بگ‌ه‌ه، ماس بگ‌ه‌ه، ماس بگ‌ه‌ه، گام بگ‌ه‌ه، گام بگ‌ه‌ه، گام بگ‌ه‌ه، گام بگ‌ه‌ه، گام بگ‌ه‌ه، گام بگ‌ه‌ه، گام بگ‌ه‌ه، گام بگ‌ه‌ه، گام بگ‌ه‌ه، گام بگ‌ه‌ه، گام بگ‌ه‌ه، گام بگ‌ه‌ه، گام بگ‌ه‌ه، گام بگ‌ه‌ه، گام بگ‌ه‌ه، گام بگ‌ه‌ه، گام بگ‌ه‌ه

Serbo-Croatian: Ukoiko Vi ili neko kome Vi pomažete ima pitanje o Blue Cross Blue Shield of Arizona, imate pravo da besplatno dobijete pomoć i informacije na Vašem jeziku. Da biste razgovarali sa prevodiocem, nazovite 877-475-4799.

Thai: หากคุณ หรือคนใกล้ชิดของคุณมีคำถามเกี่ยวกับ Blue Cross Blue Shield of Arizona คุณสามารถได้รับความช่วยเหลือและข้อมูลในภาษาของคุณได้โดยโปรดโทรไปที่ 877-475-4799.