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SHP Computer-Aided Detection (CAD) Non Breast Indications

AUTH: SHP Imaging 27 v2 (AC)

MCG Health
Ambulatory Care
25th Edition

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Coverage

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See the appropriate benefit document for specific coverage determination. Member specific benefits take precedence over medical policy.

Application to Products

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- Policy is applicable to all products.

Authorization Requirements

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Pre-certification by the Plan is required.

Description of Item or Service

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Computer aided detection (CAD) is computer software that identifies areas of abnormal density or mass on images (X-rays, Ultrasounds, Computed Tomography, etc.).

Exceptions and Limitations

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There is insufficient scientific evidence to support the medical necessity of this service as it is not shown to improve health outcomes upon technology review.

Clinical Indications for Procedure

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- NA

Document History

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- Revised Dates:
 - 2020: June
 - 2018: September
 - 2015: January
- Reviewed Dates:
 - 2022: May
 - 2021: May
 - 2017: March
 - 2016: January
 - 2015: April
- Effective Date: January 2014

Coding Information

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- CPT/HCPCS codes covered if policy criteria is met:
 - None
- CPT/HCPCS codes considered not medically necessary per this Policy:
 - CPT 0174T - Computer-aided detection (CAD) (computer algorithm analysis of digital image data for lesion detection) with further physician review for interpretation and report, with or without digitization of film radiographic images, chest radiograph(s), performed concurrent with primary interpretation
 - CPT 0175T - Computer-aided detection (CAD) (computer algorithm analysis of digital image data for lesion detection) with further physician review for interpretation and report, with or without digitization of film radiographic images, chest radiograph(s), performed remote from primary interpretation

References

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References used include but are not limited to the following:

Specialty Association Guidelines; Government Regulations; Winifred S. Hayes, Inc; Uptodate; Literature Review; Specialty Advisors; National Coverage Determination (NCD); Local Coverage Determination (LCD).

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(2022). Retrieved Apr 14, 2022, from DynaMed: <https://www.dynamed.com/results?q=Computer-aided+detection&lang=en>

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Computer-aided detection. (2022). Retrieved Apr 14, 2022, from EncoderPro: <https://www.encoderpro.com>

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Physician-Practitioner Manual. (2022, Jan). Retrieved Apr 14, 2022, from DMAS Provider Manuals: <https://vamedicaid.dmas.virginia.gov/manuals/physician-practitioner>

U.S. Department of Health and Human Services (HHS) to permanently exempt seven class I devices for which 510(k) premarket review had temporarily waived by FDA during COVID -19 public health emergency. (2021, Mar 5). Retrieved Apr 18, 2022, from American College of Radiology (ACR): https://www.acr.org/-/media/ACR/Files/Advocacy/Regulatory-Issues/acr-rsna-siim_comments_fda-rfi-510k_3-5-2021.pdf

Codes

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