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SHP Anti- Phospholipid Antibody Testing

AUTH: SHP Medical 287 v4 (AC)

MCG Health
Ambulatory Care
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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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Anti-phosphatidylserine (phospholipid) antibody testing (e.g. cardiolipin (e.g. IgG, IgM) is a blood test to determine possible diseases.

Exceptions and Limitations

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- There is insufficient scientific evidence to support the medical necessity of the following Anti- Phospholipid Antibody Testing as it is not shown to improve health outcomes upon technology review:
 - PROTHROMBIN Antibodies IGG
- There is insufficient scientific evidence to support the medical necessity of Anti-phosphatidylserine (phospholipid) antibody testing (e.g. cardiolipin (e.g. IgG, IgM) for uses other than those listed in the clinical indications for procedure section.

Clinical Indications for Procedure

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- Anti- phospholipid antibody testing is considered medically necessary for **ALL** of the following:
 - Individual is suspected of having antiphospholipid syndrome as indicated by **1 or more** of the following
 - Vascular thrombosis
 - Unexplained, recurrent fetal loss
 - Autoimmune thrombocytopenia
 - Testing is not for infertility
 - Testing is for **1 or more** of the following:

- Lupus (e.g. RVVT, hexagonal phase lipid neutralization) testing
- Anti-beta2 glycoprotein I antibodies testing
- Anti-phosphatidylserine (phospholipid) antibody testing (e.g. cardiolipin (e.g. IgG, IgM)

Document History

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- Revised Dates:
 - 2021: April, September, November
 - 2020: January, November
 - 2016: February, March
 - 2015: May
 - 2014: May, July, September, November, December
 - 2013: February, March, April, July, October
 - 2012: March
 - 2011: December
 - 2009: March
- Reviewed Dates:
 - 2022: April
 - 2020: May
 - 2018: September
 - 2017: December
 - 2016: April, May
 - 2012: August
 - 2011: March
 - 2010: March
- Effective Date: March 2008

Coding Information

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- CPT/HCPCS codes covered if policy criteria is met:
 - CPT 86146 - Beta 2 Glycoprotein I antibody, each
 - CPT 86147 - Cardiolipin (phospholipid) antibody, each Ig class
 - CPT 86148 - Anti-phosphatidylserine (phospholipid) antibody
- CPT/HCPCS codes considered not medically necessary per this Policy:
 - None

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).

(2021, Jun 07). Retrieved Apr 11, 2022, from MCG: <https://careweb.careguidelines.com/ed25/index.html>

(2022). Retrieved Apr 08, 2022, from Hayes, Inc: <https://evidence.hayesinc.com/search?q=%257B%2522text%2522:%2522anti-phospholipid%2522,%2522title%2522:null,%2522termsource%2522:%2522searchbar%2522,%2522page%2522:%257B%2522page%2522:0,%2522size%2522:50%257D,%2522type%2522:%2522all%2522,%2522sources%2522>

(2022). Retrieved Apr 08, 2022, from Centers for Medicare and Medicaid Services: <https://www.cms.gov/medicare-coverage-database/search-results.aspx?keyword=anti-phospholipid&keywordType=starts&areald=s53&docType=NCA,CAL,NCD,MEDCAC,TA,MCD,6,3,5,1,F,P&contractOption=all>

(2022). Retrieved Apr 08, 2022, from AIM Specialty Health: <https://aimspecialtyhealth.com/resources/clinical-guidelines/>

(2022). Retrieved Apr 08, 2022, from National Comprehensive Cancer Network: <https://www.nccn.org/search-result?indexCatalogue=nccn-search-index&searchQuery=anti-phospholipid&wordsMode=AllWords>

Antiphospholipid Syndrome (2021). Retrieved Apr 11, 2022, from American College of Rheumatology: <https://www.rheumatology.org/I-Am-A/Patient-Caregiver/Diseases-Conditions/Antiphospholipid-Syndrome>

Erkan, D., & Ortel, T. (2022, Feb 28). Diagnosis of antiphospholipid syndrome. Retrieved Apr 08, 2022, from UpToDate: https://www.uptodate.com/contents/diagnosis-of-antiphospholipid-syndrome?search=antiphospholipid%20syndrome&source=search_result&selectedTitle=1~150&usage_type=default&display_rank=1#H60490098

Procedure Fee Files & CPT Codes. (2022). Retrieved Apr 11, 2022, from Department of Medical Assistance Services: <https://www.dmas.virginia.gov/for-providers/procedure-fee-files-cpt-codes/#searchCPT>

Tumian, N., & Hunt, B. (2022, Jan 29). Clinical Management of Thrombotic Antiphospholipid Syndrome. Retrieved Apr 11, 2022, from PubMed: <https://pubmed.ncbi.nlm.nih.gov/35160188/>

(2021). Retrieved Apr 5, 2021, from FDA: <https://www.fda.gov/regulatory-information/search-fda-guidance-documents/>

(2021). Retrieved Apr 5, 2021, from EncoderPro: <https://www.encoderpro.com>

Antiphospholipid Syndrome. (2021). Retrieved Apr 5, 2021, from The American College of Rheumatology: <https://www.rheumatology.org/I-Am-A/Patient-Caregiver/Diseases-Conditions/Antiphospholipid-Syndrome>

Diagnosis of antiphospholipid syndrome. (2020, Feb 10). Retrieved Apr 5, 2021, from UpToDate: https://www.uptodate.com/contents/diagnosis-of-antiphospholipid-syndrome?search=Anti-phosphatidylserine&source=search_result&selectedTitle=1~150&usage_type=default&display_rank=1

Early Initiation of Anticoagulation Improves the Long-Term Prognosis in Patients with Antiphospholipid Syndrome Associated Portal Vein Thrombosis. (2021, Feb 4). Retrieved Apr 5, 2021, from Frontiers in Medicine: National Library of Medicine: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7890015/>

Journal of Thrombosis and Haemostasis: Recommendations and Guidelines. (2018, Feb 2). Retrieved Apr 5, 2021, from International Society of Thrombosis: <https://onlinelibrary.wiley.com/doi/epdf/10.1111/jth.13976>

Pediatric Antiphospholipid Syndrome: from Pathogenesis to Clinical Management. (2021, Jan 28). Retrieved Apr 5, 2021, from Pediatric Rheumatology: <https://link.springer.com/article/10.1007/s11926-020-00976-7>

Top 10 points patients should know about the association between antiphospholipid antibodies and COVID-19. (2020, Sep 28). Retrieved Apr 5, 2021, from Hospital for Special Surgery: https://www.hss.edu/conditions_top-ten-series-antiphospholipid-syndrome-coronavirus-covid-19.asp#overlapping

Venous thromboembolic diseases: diagnosis, management and thrombophilia testing [NG158]. (2020, Mar 26). Retrieved Apr 5, 2021, from National Institute for Health and Care Excellence (NICE): <https://www.nice.org.uk/guidance/ng158>

Codes

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