

## Perjeta® (pertuzumab) (Intravenous)

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### I. Length of Authorization <sup>1,2</sup>

- Initial: Prior authorization validity will be provided initially for 6 months (180 days).
- Renewal: Prior authorization validity may be renewed every 6 months (180 days), unless otherwise specified.
  - Neoadjuvant and adjuvant treatment in Breast Cancer may be renewed up to a maximum of 1 year of treatment [18 cycles].

### II. Dosing Limits

**Max Units (per dose and over time) [HCPCS Unit]:**

- **Loading Dose:** 840 billable units x 1 dose
- **Maintenance Dose:** 420 billable units every 21 days

### III. Initial Approval Criteria <sup>1</sup>

Prior authorization validity is provided in the following conditions:

- Member is at least 18 years of age; **AND**

**Universal Criteria <sup>1</sup>**

- Left ventricular ejection fraction (LVEF) is within normal limits prior to initiating therapy and will be assessed at regular intervals (e.g., every 3 months) during treatment; **AND**
- Member has human epidermal growth factor receptor 2 (HER2)-positive\* disease as determined by an FDA-approved or Clinical Laboratory Improvement Amendments (CLIA)-compliant test❖; **AND**
- Therapy will not be used in combination with pertuzumab/trastuzumab and hyaluronidase-zzxf (Phesgo); **AND**

**Breast Cancer † ‡ <sup>1-3,5-8,13,19</sup>**

- Used as neoadjuvant or preoperative therapy; **AND**

- Member has ≥ T1c disease, node positive disease, or inflammatory disease; **AND**
- Used in combination with trastuzumab and chemotherapy; **OR**
- Used as adjuvant therapy; **AND**
  - Member has ≥ T1 disease, node positive disease, or inflammatory disease (unless otherwise specified); **AND**
    - Used in combination with trastuzumab and chemotherapy (pT2-3 and pN0 or pN+ ONLY); **OR**
    - Used in combination with trastuzumab; **OR**
  - Used after completion of planned chemotherapy and following mastectomy or breast-conserving surgery; **AND**
    - Member has ≥ ypT0N0 or pCR disease by axillary staging; **AND**
    - Used in combination with trastuzumab; **OR**
- Used for recurrent unresectable (local or regional) or metastatic disease OR inflammatory breast cancer with no response to preoperative systemic therapy; **AND**
  - Used in combination with one of the following:
    - Trastuzumab and aromatase inhibition, with or without palbociclib as first-line maintenance therapy in members who initiated treatment with chemotherapy, pertuzumab, and trastuzumab, and the chemotherapy was stopped; **AND**
      - Member has hormone receptor-positive disease; **AND**
        - Member is postmenopausal; **OR**
        - Member is premenopausal and is treated with ovarian ablation/suppression; **OR**
        - Member is a male (sex assigned at birth) ✕
    - Trastuzumab and a taxane (e.g., docetaxel, paclitaxel) as first-line therapy
    - Trastuzumab with or without cytotoxic therapy as subsequent therapy in members previously treated with chemotherapy and trastuzumab (without pertuzumab)
    - Fam-trastuzumab deruxtecan as first-line therapy

✕ *When an aromatase inhibitor is used in males, suppression of testicular steroidogenesis with a GnRH analog is required.*

### Central Nervous System (CNS) Cancers ‡ <sup>2</sup>

- Member has brain metastases from breast cancer; **AND**
- Used in combination with trastuzumab

### Colorectal Cancer (CRC) λ ‡ <sup>2,9-12</sup>

- Used for RAS and BRAF wild-type (WT) disease in combination with trastuzumab; **AND**
  - Used as initial treatment for unresectable metastatic disease and previous FOLFOX or CapeOX within the past 12 months; **OR**

- Used as primary treatment for unresectable (or medically inoperable), or metastatic disease; **AND**
  - Member has not previously received HER2-targeted therapy; **OR**
- Used as primary treatment for T3, N Any; T1-2, N1-2; T4, N Any; or locally unresectable (or medically inoperable) rectal cancer; **AND**
  - Used if resection is contraindicated following total neoadjuvant therapy; **OR**
  - Used if resection is contraindicated following neoadjuvant/definitive immunotherapy; **OR**
- Used as subsequent therapy; **AND**
  - Member has not previously received HER2-targeted therapy

*λ Note: NCCN recommends universal MMR or MSI testing in all newly diagnosed members. If deficient mismatch repair/microsatellite instability-high (dMMR/MSI-H) or polymerase epsilon/delta (POLE/POLD1) mutation with ultra-hypermutated phenotype (e.g., TMB>50 mut/Mb), treatment should include checkpoint inhibitor immunotherapy if the member is a candidate.*

### **Head and Neck Cancers ‡<sup>2,14,15</sup>**

- Member has salivary gland tumors; **AND**
- Used in combination with trastuzumab; **AND**
- Member has recurrent disease with one of the following:
  - Distant metastases
  - Unresectable locoregional recurrence with prior radiation therapy (RT)
  - Unresectable second primary with prior RT

### **Biliary Tract Cancers (Gallbladder Cancer or Intra-/Extra-Hepatic Cholangiocarcinoma) ‡<sup>2,16,17</sup>**

- Used as subsequent treatment for progression on or after systemic treatment for unresectable, gross residual (R2), or metastatic disease; **AND**
- Used in combination with trastuzumab

### **Appendiceal Neoplasms and Cancers ‡<sup>2,21</sup>**

- Member has RAS and BRAF wild-type (WT) disease; **AND**
- Used in combination with trastuzumab; **AND**
- Used as subsequent therapy (if not previously given) for recurrent, progressive, metastatic peritoneal-only, or extraperitoneal disease

### **Small Bowel Adenocarcinoma ‡<sup>2,22</sup>**

- Member has RAS and BRAF wild-type (WT) disease; **AND**
- Used in combination with trastuzumab; **AND**
- Used as subsequent therapy for advanced or metastatic disease (if not previously given)

#### **\*HER2-positive overexpression criteria**

#### Breast, CNS, and Head and Neck: <sup>3,4</sup>

- Immunohistochemistry (IHC) assay 3+; **OR**
- Dual-probe in situ hybridization (ISH) assay HER2 (*ERBB2*)/CEP17 ratio  $\geq 2.0$  AND average HER2 (*ERBB2*) copy number  $\geq 4.0$  signals/cell; **OR**
- Dual-probe in situ hybridization (ISH) assay AND concurrent IHC indicating one of the following:
  - HER2 (*ERBB2*)/CEP17 ratio  $\geq 2.0$  AND average HER2 (*ERBB2*) copy number  $< 4.0$  signals/cell AND concurrent IHC 3+; **OR**
  - HER2 (*ERBB2*)/CEP17 ratio  $< 2.0$  AND average HER2 (*ERBB2*) copy number  $\geq 6.0$  signals/cell AND concurrent IHC 2+ or 3+; **OR**
  - HER2 (*ERBB2*)/CEP17 ratio  $< 2.0$  AND average HER2 (*ERBB2*) copy number  $\geq 4.0$  and  $< 6.0$  signals/cell AND concurrent IHC 3+

#### Colorectal Cancer, Appendiceal Neoplasms and Cancers, and Small Bowel

##### Adenocarcinoma: <sup>10,11,21,22</sup>

- Immunohistochemistry (IHC) assay 3+; **OR**
- Fluorescence in situ hybridization (FISH) HER2 (*ERBB2*)/CEP17 ratio  $\geq 2$  AND concurrent IHC 2+; **OR**
- Next-generation sequencing (NGS) panel HER2 (*ERBB2*) amplification

##### Biliary Tract Cancer: <sup>17</sup>

- Immunohistochemistry (IHC) assay 3+; **OR**
- Dual-probe in situ hybridization (ISH) assay HER2 (*ERBB2*)/CEP17 ratio  $\geq 2.0$  AND average HER2 (*ERBB2*) copy number  $\geq 4.0$  signals/cell; **OR**
- Dual-probe in situ hybridization (ISH) assay AND concurrent IHC indicating one of the following:
  - HER2 (*ERBB2*)/CEP17 ratio  $\geq 2.0$  AND average HER2 (*ERBB2*) copy number  $< 4.0$  signals/cell AND concurrent IHC 3+; **OR**
  - HER2 (*ERBB2*)/CEP17 ratio  $< 2.0$  AND average HER2 (*ERBB2*) copy number  $\geq 6.0$  signals/cell AND concurrent IHC 2+ or 3+; **OR**
  - HER2 (*ERBB2*)/CEP17 ratio  $< 2.0$  AND average HER2 (*ERBB2*) copy number  $\geq 4.0$  and  $< 6.0$  signals/cell AND concurrent IHC 3+; **OR**
- Next-generation sequencing (NGS) panel HER2 (*ERBB2*) amplification

❖ If confirmed using an immunotherapy assay - <http://www.fda.gov/companiondiagnostics>

† FDA Approved Indication(s); ‡ Compendia Recommended Indication(s); Ⓢ Orphan Drug

## IV. Renewal Criteria<sup>1</sup>

Prior authorization validity may be renewed based upon the following criteria:

- Member continues to meet the universal and other indication-specific relevant criteria such as concomitant therapy requirements (not including prerequisite therapy), performance status, etc. identified in section III; **AND**
- Duration of authorization has not been exceeded (*refer to Section I*); **AND**
- Disease response with treatment as defined by stabilization of disease or decrease in size of tumor or tumor spread; **AND**
- Absence of unacceptable toxicity from the drug. Examples of unacceptable toxicity include: left ventricular dysfunction, severe infusion-related reactions, hypersensitivity reactions/anaphylaxis, etc.; **AND**
- Left ventricular ejection fraction (LVEF) obtained within the previous 3 months as follows:
  - Neoadjuvant and adjuvant treatment of breast cancer: LVEF is  $\geq 50\%$  OR LVEF has had an absolute decrease of  $< 10\%$  from baseline
  - All other indications: LVEF is  $> 45\%$  OR LVEF is 40% to 45% and absolute decrease is  $< 10\%$  from baseline

## V. Dosage/Administration <sup>1-3,10-13,15,16,18,20</sup>

| Indication            | Dose                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Breast Cancer         | <p><b><u>Initial Dose</u></b></p> <p>Administer 840 mg intravenously x 1 dose</p> <p><b><u>Maintenance Dose</u></b></p> <p>Administer 420 mg intravenously every 21 days thereafter until disease progression or unmanageable toxicity (unless otherwise specified below).</p> <ul style="list-style-type: none"> <li>• Neoadjuvant/preoperative therapy consists of 3 to 9 cycles prior to surgery.</li> <li>• Use for neoadjuvant/preoperative and adjuvant treatment is limited to a total of 1 year of treatment (total of 18 cycles).</li> </ul> |
| All other indications | Administer 840 mg intravenously x 1 dose, then 420 mg intravenously every 21 days thereafter until disease progression or unmanageable toxicity.                                                                                                                                                                                                                                                                                                                                                                                                      |

## VI. Billing Code/Availability Information

### HCPCS Code:

- J9306 – Injection, pertuzumab, 1 mg; 1 billable unit = 1 mg

### NDC:

- Perjeta 420 mg/14 mL single-dose vial for injection: 50242-0145-xx

## VII. References

1. Perjeta [package insert]. South San Francisco, CA; Genentech, Inc.; April 2026. Accessed May 2026.

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## Appendix A – Non-Quantitative Treatment Limitations (NQTL) Factor Checklist

Non-quantitative treatment limitations (NQTLs) refer to the methods, guidelines, standards of evidence, or other conditions that can restrict how long or to what extent benefits are provided under a health plan. These may include things like utilization review or prior authorization. The utilization management NQTL applies comparably, and not more stringently, to mental health/substance use disorder (MH/SUD) Medical Benefit Prescription Drugs and medical/surgical (M/S) Medical Benefit Prescription Drugs. The table below lists the factors that were considered in designing and applying prior authorization to this drug/drug group, and a summary of the conclusions that Prime's assessment led to for each.

| Factor                     | Conclusion            |
|----------------------------|-----------------------|
| Indication                 | Yes: Consider for PA  |
| Safety and efficacy        | Yes: Consider for PA  |
| Potential for misuse/abuse | No: PA not a priority |
| Cost of drug               | Yes: Consider for PA  |

## Appendix 1 – Covered Diagnosis Codes

| ICD-10 | ICD-10 Description                                         |
|--------|------------------------------------------------------------|
| C06.9  | Malignant neoplasm of mouth, unspecified                   |
| C07    | Malignant neoplasm of parotid gland                        |
| C08.0  | Malignant neoplasm of submandibular gland                  |
| C08.1  | Malignant neoplasm of sublingual gland                     |
| C08.9  | Malignant neoplasm of major salivary gland, unspecified    |
| C17.0  | Malignant neoplasm of duodenum                             |
| C17.1  | Malignant neoplasm of jejunum                              |
| C17.2  | Malignant neoplasm of ileum                                |
| C17.3  | Meckel's diverticulum, malignant                           |
| C17.8  | Malignant neoplasm of overlapping sites of small intestine |
| C17.9  | Malignant neoplasm of small intestine, unspecified         |

| ICD-10  | ICD-10 Description                                                      |
|---------|-------------------------------------------------------------------------|
| C18.0   | Malignant neoplasm of cecum                                             |
| C18.1   | Malignant neoplasm of appendix                                          |
| C18.2   | Malignant neoplasm of ascending colon                                   |
| C18.3   | Malignant neoplasm of hepatic flexure                                   |
| C18.4   | Malignant neoplasm of transverse colon                                  |
| C18.5   | Malignant neoplasm of splenic flexure                                   |
| C18.6   | Malignant neoplasm of descending colon                                  |
| C18.7   | Malignant neoplasm of sigmoid colon                                     |
| C18.8   | Malignant neoplasm of overlapping sites of large intestines             |
| C18.9   | Malignant neoplasm of colon, unspecified                                |
| C19     | Malignant neoplasm of rectosigmoid junction                             |
| C20     | Malignant neoplasm of rectum                                            |
| C21.8   | Malignant neoplasm of overlapping sites of rectum, anus and anal canal  |
| C22.1   | Intrahepatic bile duct carcinoma                                        |
| C23     | Malignant neoplasm of gallbladder                                       |
| C24.0   | Malignant neoplasm of extrahepatic bile duct                            |
| C24.8   | Malignant neoplasm of overlapping sites of biliary tract                |
| C24.9   | Malignant neoplasm of biliary tract, unspecified                        |
| C50.011 | Malignant neoplasm of nipple and areola, right female breast            |
| C50.012 | Malignant neoplasm of nipple and areola, left female breast             |
| C50.019 | Malignant neoplasm of nipple and areola, unspecified female breast      |
| C50.021 | Malignant neoplasm of nipple and areola, right male breast              |
| C50.022 | Malignant neoplasm of nipple and areola, left male breast               |
| C50.029 | Malignant neoplasm of nipple and areola, unspecified male breast        |
| C50.111 | Malignant neoplasm of central portion of right female breast            |
| C50.112 | Malignant neoplasm of central portion of left female breast             |
| C50.119 | Malignant neoplasm of central portion of unspecified female breast      |
| C50.121 | Malignant neoplasm of central portion of right male breast              |
| C50.122 | Malignant neoplasm of central portion of left male breast               |
| C50.129 | Malignant neoplasm of central portion of unspecified male breast        |
| C50.211 | Malignant neoplasm of upper-inner quadrant of right female breast       |
| C50.212 | Malignant neoplasm of upper-inner quadrant of left female breast        |
| C50.219 | Malignant neoplasm of upper-inner quadrant of unspecified female breast |
| C50.221 | Malignant neoplasm of upper-inner quadrant of right male breast         |
| C50.222 | Malignant neoplasm of upper-inner quadrant of left male breast          |
| C50.229 | Malignant neoplasm of upper-inner quadrant of unspecified male breast   |

| ICD-10  | ICD-10 Description                                                      |
|---------|-------------------------------------------------------------------------|
| C50.311 | Malignant neoplasm of lower-inner quadrant of right female breast       |
| C50.312 | Malignant neoplasm of lower-inner quadrant of left female breast        |
| C50.319 | Malignant neoplasm of lower-inner quadrant of unspecified female breast |
| C50.321 | Malignant neoplasm of lower-inner quadrant of right male breast         |
| C50.322 | Malignant neoplasm of lower-inner quadrant of left male breast          |
| C50.329 | Malignant neoplasm of lower-inner quadrant of unspecified male breast   |
| C50.411 | Malignant neoplasm of upper-outer quadrant of right female breast       |
| C50.412 | Malignant neoplasm of upper-outer quadrant of left female breast        |
| C50.419 | Malignant neoplasm of upper-outer quadrant of unspecified female breast |
| C50.421 | Malignant neoplasm of upper-outer quadrant of right male breast         |
| C50.422 | Malignant neoplasm of upper-outer quadrant of left male breast          |
| C50.429 | Malignant neoplasm of upper-outer quadrant of unspecified male breast   |
| C50.511 | Malignant neoplasm of lower-outer quadrant of right female breast       |
| C50.512 | Malignant neoplasm of lower-outer quadrant of left female breast        |
| C50.519 | Malignant neoplasm of lower-outer quadrant of unspecified female breast |
| C50.521 | Malignant neoplasm of lower-outer quadrant of right male breast         |
| C50.522 | Malignant neoplasm of lower-outer quadrant of left male breast          |
| C50.529 | Malignant neoplasm of lower-outer quadrant of unspecified male breast   |
| C50.611 | Malignant neoplasm of axillary tail of right female breast              |
| C50.612 | Malignant neoplasm of axillary tail of left female breast               |
| C50.619 | Malignant neoplasm of axillary tail of unspecified female breast        |
| C50.621 | Malignant neoplasm of axillary tail of right male breast                |
| C50.622 | Malignant neoplasm of axillary tail of left male breast                 |
| C50.629 | Malignant neoplasm of axillary tail of unspecified male breast          |
| C50.811 | Malignant neoplasm of overlapping sites of right female breast          |
| C50.812 | Malignant neoplasm of overlapping sites of left female breast           |
| C50.819 | Malignant neoplasm of overlapping sites of unspecified female breast    |
| C50.821 | Malignant neoplasm of overlapping sites of right male breast            |
| C50.822 | Malignant neoplasm of overlapping sites of left male breast             |
| C50.829 | Malignant neoplasm of overlapping sites of unspecified male breast      |
| C50.911 | Malignant neoplasm of unspecified site of right female breast           |
| C50.912 | Malignant neoplasm of unspecified site of left female breast            |
| C50.919 | Malignant neoplasm of unspecified site of unspecified female breast     |
| C50.921 | Malignant neoplasm of unspecified site of right male breast             |
| C50.922 | Malignant neoplasm of unspecified site of left male breast              |
| C50.929 | Malignant neoplasm of unspecified site of unspecified male breast       |

| ICD-10  | ICD-10 Description                                                  |
|---------|---------------------------------------------------------------------|
| C50.A0  | Malignant inflammatory neoplasm of unspecified breast               |
| C50.A1  | Malignant inflammatory neoplasm of right breast                     |
| C50.A2  | Malignant inflammatory neoplasm of left breast                      |
| C78.00  | Secondary malignant neoplasm of unspecified lung                    |
| C78.01  | Secondary malignant neoplasm of right lung                          |
| C78.02  | Secondary malignant neoplasm of left lung                           |
| C78.6   | Secondary malignant neoplasm of retroperitoneum and peritoneum      |
| C78.7   | Secondary malignant neoplasm of liver and intrahepatic bile duct    |
| C79.31  | Secondary malignant neoplasm of brain                               |
| D37.031 | Neoplasm of uncertain behavior of the sublingual salivary glands    |
| D37.032 | Neoplasm of uncertain behavior of the submandibular salivary glands |
| D37.039 | Neoplasm of uncertain behavior of the submandibular salivary glands |
| D37.3   | Neoplasm of uncertain behavior of appendix                          |
| Z85.038 | Personal history of other malignant neoplasm of large intestine     |
| Z85.068 | Personal history of other malignant neoplasm of small intestine     |
| Z85.3   | Personal history of malignant neoplasm of breast                    |

## Appendix 2 – Centers for Medicare and Medicaid Services (CMS)

The preceding information is intended for non-Medicare coverage determinations. Medicare coverage for outpatient (Part B) drugs is outlined in the Medicare Benefit Policy Manual (Pub. 100-2), Chapter 15, §50 Drugs and Biologicals. In addition, National Coverage Determinations (NCDs) and/or Local Coverage Determinations (LCDs) may exist and compliance with these policies is required where applicable. Local Coverage Articles (LCAs) may also exist for claims payment purposes or to clarify benefit eligibility under Part B for drugs which may be self-administered. The following link may be used to search for NCD, LCD, or LCA documents

<https://www.cms.gov/medicare-coverage-database/search.aspx>. Additional indications, including any preceding information, may be applied at the discretion of the health plan.

Medicare Part B Covered Diagnosis Codes (applicable to existing NCD/LCD/LCA): N/A

| Medicare Part B Administrative Contractor (MAC) Jurisdictions |                                        |                                                   |
|---------------------------------------------------------------|----------------------------------------|---------------------------------------------------|
| Jurisdiction                                                  | Applicable State/US Territory          | Contractor                                        |
| E (1)                                                         | CA, HI, NV, AS, GU, CNMI               | Noridian Healthcare Solutions, LLC                |
| F (2 & 3)                                                     | AK, WA, OR, ID, ND, SD, MT, WY, UT, AZ | Noridian Healthcare Solutions, LLC                |
| 5                                                             | KS, NE, IA, MO                         | Wisconsin Physicians Service Insurance Corp (WPS) |
| 6                                                             | MN, WI, IL                             | National Government Services, Inc. (NGS)          |

| Medicare Part B Administrative Contractor (MAC) Jurisdictions |                                                                                             |                                                   |
|---------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------|
| Jurisdiction                                                  | Applicable State/US Territory                                                               | Contractor                                        |
| H (4 & 7)                                                     | LA, AR, MS, TX, OK, CO, NM                                                                  | Novitas Solutions, Inc.                           |
| 8                                                             | MI, IN                                                                                      | Wisconsin Physicians Service Insurance Corp (WPS) |
| N (9)                                                         | FL, PR, VI                                                                                  | First Coast Service Options, Inc.                 |
| J (10)                                                        | TN, GA, AL                                                                                  | Palmetto GBA                                      |
| M (11)                                                        | NC, SC, WV, VA (excluding below)                                                            | Palmetto GBA                                      |
| L (12)                                                        | DE, MD, PA, NJ, DC (includes Arlington & Fairfax counties and the city of Alexandria in VA) | Novitas Solutions, Inc.                           |
| K (13 & 14)                                                   | NY, CT, MA, RI, VT, ME, NH                                                                  | National Government Services, Inc. (NGS)          |
| 15                                                            | KY, OH                                                                                      | CGS Administrators, LLC                           |