



Erbitux[®] (cetuximab) (Intravenous)

> **-E-**Document Number: IC-0494

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I. Length of Authorization ¹

Coverage will be provided for 6 months and may be renewed (unless otherwise specified).

• <u>Head and Neck Cancer in combination with radiation therapy</u>: Coverage will be provided for the duration of radiation therapy (6-7 weeks).

II. Dosing Limits

A. Quantity Limit (max daily dose) [NDC Unit]:

- Erbitux 100 mg/50 mL solution for injection single-dose vial: 1 vial every 7 days
- Erbitux 200 mg/100 mL solution for injection single-dose vial: 5 vials x 1 dose, then 3 vials every 7 days

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

CRC, Head & Neck Cancer, & Squamous Cell Skin Cancer
– Load: 100 billable units x 1 dose
– Maintenance Dose: 60 billable units every 7 days

III. Initial Approval Criteria¹

Coverage is provided in the following conditions:

• Patient is at least 18 years of age; AND

Colorectal Cancer (CRC) **† ‡** ^{1,2,12,13,17,19,2e,5e-8e,10e-12e,15e}

- Patient is both KRAS and NRAS mutation negative (wild-type) as determined by FDAapproved or CLIA-compliant test*; **AND**
- Will not be used as part of an adjuvant treatment regimen; AND
- Patient has not been previously treated with cetuximab or panitumumab; AND
- Will not be used in combination with an anti-VEGF agent (e.g., bevacizumab, ramucirumab); **AND**

- Patient has metastatic, unresectable (or medically inoperable), or advanced disease that is BRAF mutation negative (wild-type); AND
 - Used as first-line therapy **§**; **AND**
 - Used in combination with FOLFIRI **†**; **OR**
 - Used in combination with FOLFOX; **OR**
 - Used in combination with an irinotecan-based regimen after previous adjuvant FOLFOX or CapeOX within the past 12 months; **OR**
 - Used as subsequent therapy; AND
 - Used in one of the following:
 - \circ Used in combination with irinotecan for irinotecan-refractory disease \dagger
 - \circ Used in combination with irinotecan for oxaliplatin-refractory disease §
 - \circ $\:$ Used in combination with FOLFIRI for oxaliplatin-refractory disease $\**
 - Used in combination with FOLFOX for irinotecan-refractory disease §**
 - Used as a single agent for oxaliplatin- and irinotecan-refractory disease OR irinotecan-intolerant disease; **AND**

In combination with irinotecan for oxaliplatin-refractory disease ONLY:

• Patient must demonstrate an inadequate response to bevacizumab (*or a commercially available bevacizumab biosimilar agent*) in combination with irinotecan, unless there is a contraindication or intolerance, prior to approval of cetuximab

In combination with FOLFIRI or FOLFOX:

- Use of cetuximab will be restricted to patients with a contraindication or intolerance to bevacizumab (*or a commercially available bevacizumab biosimilar agent*) in combination with either FOLFIRI or FOLFOX; **OR**
- Patient has BRAF V600E mutation positive disease as determined by an FDA-approved or CLIA-compliant test* †; AND
 - Used in combination with encorafenib; AND
 - Used as subsequent therapy for progression of advanced or metastatic disease after at least one prior line of treatment in the advanced or metastatic disease setting; **OR**
 - Used as primary treatment for unresectable metastatic disease after previous adjuvant FOLFOX or CapeOX within the past 12 months

******May also be used for progression on non-intensive therapy, except if received previous fluoropyrimidine, with improvement in functional status (Note: Colon cancer patients must have left-sided tumors only AND step therapy does <u>not</u> apply).

§ Colon cancer patients must have left-sided tumors only



Head and Neck Cancer † **Φ** ^{2,14,16,25,17e-23e,25e-29e}

- Patient has squamous cell carcinoma; AND
- Used in one of the following regimens **†**:
 - As a single agent in combination with radiation therapy for first-line treatment of locally or regionally advanced disease; AND
 - Use of cetuximab in combination with radiation therapy for first-line treatment will be restricted to patients with a contraindication or intolerance to cisplatin- or carboplatin-based therapy
 - In combination with platinum-based therapy for first-line treatment of recurrent loco-0 regional or metastatic disease; AND
 - Used in combination with fluorouracil (5-FU) unless there is a contraindication or intolerance; AND

With 5-FU:

- Use of cetuximab will be restricted to patients with a contraindication or intolerance to one of the following regimens:
 - Pembrolizumab monotherapy (patients with $CPS \ge 1$ only)
 - Pembrolizumab/platinum (cisplatin or carboplatin)/5-FU

Without 5-FU:

- Use of cetuximab will be restricted to patients with a contraindication or intolerance to one of the following regimens:
 - Pembrolizumab monotherapy (*patients with CPS \geq 1 only*)
 - Generically available agent/regimen (e.g., cisplatin/paclitaxel, etc. [see NCCN Head and Neck Cancers guideline for complete list of alternatives)
- As a single agent for recurrent or metastatic disease after failure on platinum-based therapy; AND
 - Use of cetuximab after failure on platinum-based therapy will be restricted to patients with a contraindication or intolerance to one of the following, if not previously used:
 - Pembrolizumab (*patients with CPS* \geq 1 only)
 - Nivolumab (patients with $PD-L1 \ge 1$ only) •

-AND-

- Patient has one of the following sub-types of head and neck cancer **‡**:
 - Cancer of the Glottic Larynx
 - Cancer of the Hypopharynx
 - Cancer of the Nasopharynx
 - Cancer of the Oral Cavity (including mucosal lip)
 - Cancer of the Oropharynx

ERBITUX[®] -E- (cetuximab) Prior Auth Criteria





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- Cancer of the Supraglottic Larynx
- Ethmoid Sinus Tumors
- Maxillary Sinus Tumors
- Very Advanced Head and Neck Cancer (e.g., newly diagnosed locally advanced T4b [M0] disease, newly diagnosed unresectable nodal disease with no metastases, metastatic disease at initial presentation [M1], or recurrent or persistent disease)
 - Cetuximab may also be used as one of the following:
 - Subsequent therapy in combination with platinum-based therapy for nonnasopharyngeal cancer
 - Subsequent therapy in combination with carboplatin for nasopharyngeal cancer

Squamous Cell Skin Cancer ‡ 2,21,27

- Used as a single agent without radiation therapy; AND
 - Patient is ineligible for or progressed on immune checkpoint inhibitor therapy and clinical trials; AND
 - Patient is chemotherapy-naive; AND
 - Patient has locally advanced disease; AND
 - Curative surgery and curative radiation therapy are not feasible; AND
 - Used as primary systemic therapy; **OR**
 - Patient has unresectable disease; AND
 - Curative radiation therapy is not feasible; **OR**
 - Patient has distant metastatic disease

Preferred therapies and recommendations are determined by review of clinical evidence. NCCN category of recommendation is taken into account as a component of this review. Regimens deemed equally efficacious (i.e., those having the same NCCN categorization) are considered to be therapeutically equivalent.

*If confirmed using an FDA approved assay - http://www.fda.gov/companiondiagnostics

FDA Approved Indication(s); Compendia Recommended Indication(s); Orphan Drug

IV. Renewal Criteria 1,2,14-27

Coverage may be renewed based upon the following criteria:

- Patient continues to meet the indication-specific relevant criteria such as concomitant therapy requirements (not including prerequisite therapy), performance status, etc. identified in section III; **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: severe infusion reactions, anaphylactic reactions, cardiopulmonary arrest, pulmonary toxicity/interstitial lung disease, dermatologic toxicity, hypomagnesemia/electrolyte abnormalities, etc.

Head and Neck Cancer (in combination with radiation therapy)

• Patient has not exceeded a maximum of 7 weeks of therapy

V. Dosage/Administration ^{1,12,13,20-23}

Indication	Dose		
Colorectal Cancer	Monotherapy or in combination with irinotecan, FOLFIRI, or FOLFOX:		
	400 mg/m ² loading dose intravenously, then 250 mg/m ² intravenously every 7		
	days until disease progression or unacceptable toxicity		
	OR		
	500 mg/m² intravenously every 14 days until disease progression or unacceptable		
	toxicity		
	In combination with encorafenib:		
	400 mg/m^2 loading dose intravenously, then 250 mg/m^2 intravenously every 7		
	days until disease progression or unacceptable toxicity		
Head and Neck	In combination with radiation therapy:		
Cancer	400 mg/m^2 loading dose intravenously, then 250 mg/m^2 intravenously every 7		
	days for the duration of radiation therapy (6-7 weeks)		
	Monotherapy or in combination with platinum-based therapy:		
	400 mg/m^2 loading dose intravenously, then 250 mg/m^2 intravenously every 7		
	days until disease progression or unacceptable toxicity		
	OR		
	500 mg/m² intravenously every 14 days until disease progression or unacceptable		
	toxicity		
Squamous Cell	400 mg/m ² loading dose intravenously, then 250 mg/m ² intravenously every 7		
Skin Cancer	days until disease progression or unacceptable toxicity		

VI. Billing Code/Availability Information

HCPCS Code:

• J9055 – Injection, cetuximab, 10 mg; 1 billable unit = 10 mg NDC(s):

- Erbitux 100 mg/50 mL single-dose vial; solution for injection: 66733-0948-xx
- Erbitux 200 mg/100 mL single-dose vial; solution for injection: 66733-0958-xx

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ICD-10	ICD-10 Description	
C00.0	Malignant neoplasm of external upper lip	
C00.1	Malignant neoplasm of external lower lip	
C00.2	Malignant neoplasm of external lip, unspecified	
C00.3	Malignant neoplasm of upper lip, inner aspect	
C00.4	Malignant neoplasm of lower lip, inner aspect	
C00.5	Malignant neoplasm of lip, unspecified, inner aspect	
C00.6	Malignant neoplasm of commissure of lip, unspecified	
C00.8	Malignant neoplasm of overlapping sites of lip	
C00.9	Malignant neoplasm of lip, unspecified	
C01	Malignant neoplasm of base of tongue	
C02.0	Malignant neoplasm of dorsal surface of tongue	
C02.1	Malignant neoplasm of border of tongue	
C02.2	Malignant neoplasm of ventral surface of tongue	
C02.3	Malignant neoplasm of anterior two-thirds of tongue, part unspecified	

Appendix 1 – Covered Diagnosis Codes





C02.4			
004.4	Malignant neoplasm of lingual tonsil		
C02.8	Malignant neoplasm of overlapping sites of tongue		
C02.9	Malignant neoplasm of tongue, unspecified		
C03.0	Malignant neoplasm of upper gum		
C03.1	Malignant neoplasm of lower gum		
C03.9	Malignant neoplasm of gum, unspecified		
C04.0	Malignant neoplasm of anterior floor of mouth		
C04.1	Malignant neoplasm of lateral floor of mouth		
C04.8	Malignant neoplasm of overlapping sites of floor of mouth		
C04.9	Malignant neoplasm of floor of mouth, unspecified		
C05.0	Malignant neoplasm of hard palate		
C05.1	Malignant neoplasm of soft palate		
C05.8	Malignant neoplasm of overlapping sites of palate		
C05.9	Malignant neoplasm of palate, unspecified		
C06.0	Malignant neoplasm of cheek mucosa		
C06.2	Malignant neoplasm of retromolar area		
C06.80	Malignant neoplasm of overlapping sites of unspecified parts of mouth		
C06.89	Malignant neoplasm of overlapping sites of other parts of mouth		
C06.9	Malignant neoplasm of mouth, unspecified		
C09.0	Malignant neoplasm of tonsillar fossa		
C09.1	Malignant neoplasm of tonsillar pillar (anterior) (posterior)		
C09.8	Malignant neoplasm of overlapping sites of tonsil		
C09.9	Malignant neoplasm of tonsil, unspecified		
C10.0	Malignant neoplasm of vallecula		
C10.1	Malignant neoplasm of anterior surface of epiglottis		
C10.2	Malignant neoplasm of lateral wall of oropharynx		
C10.3	Malignant neoplasm of posterior wall of oropharynx		
C10.4	Malignant neoplasm of branchial cleft		
C10.8	Malignant neoplasm of overlapping sites of oropharynx		
C10.9	Malignant neoplasm of oropharynx, unspecified		
C11.0	Malignant neoplasm of superior wall of nasopharynx		
C11.1	Malignant neoplasm of posterior wall of nasopharynx		
C11.2	Malignant neoplasm of lateral wall of nasopharynx		
C11.3	Malignant neoplasm of anterior wall of nasopharynx		
C11.8	Malignant neoplasm of overlapping sites of nasopharynx		
C11.9	Malignant neoplasm of nasopharynx, unspecified		
C12	Malignant neoplasm of pyriform sinus		
C13.0	Malignant neoplasm of postcricoid region		

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	ICD-10 Description		
C13.1	Malignant neoplasm of aryepiglottic fold, hypopharyngeal aspect		
C13.2	Malignant neoplasm of posterior wall of hypopharynx		
C13.8	Malignant neoplasm of overlapping sites of hypopharynx		
C13.9	Malignant neoplasm of hypopharynx, unspecified		
C14.0	Malignant neoplasm of pharynx, unspecified		
C14.2	Malignant neoplasm of Waldeyer's ring		
C14.8	Malignant neoplasm of overlapping sites of lip, oral cavity and pharynx		
C18.0	Malignant neoplasm of cecum		
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		
C30.0	Malignant neoplasm of nasal cavity		
C31.0	Malignant neoplasm of maxillary sinus		
C31.1	Malignant neoplasm of ethmoidal sinus		
C32.0	Malignant neoplasm of glottis		
C32.1	Malignant neoplasm of supraglottis		
C32.2	Malignant neoplasm of subglottis		
C32.3	Malignant neoplasm of laryngeal cartilage		
C32.8	Malignant neoplasm of overlapping sites of larynx		
C32.9	Malignant neoplasm of larynx, unspecified		
C44.00	Unspecified malignant neoplasm of skin of lip		
C44.02	Squamous cell carcinoma of skin of lip		
C44.09	Other specified malignant neoplasm of skin of lip		
C44.121	Squamous cell carcinoma of skin of unspecified eyelid, including canthus		
C44.1221	Squamous cell carcinoma of skin of right upper eyelid, including canthus		
C44.1222	Squamous cell carcinoma of skin of right lower eyelid, including canthus		
C44.1291	Squamous cell carcinoma of skin of left upper eyelid, including canthus		
C44.1292	Squamous cell carcinoma of skin of left lower eyelid, including canthus		
C44.221	Squamous cell carcinoma of skin of unspecified ear and external auricular canal		
C44.222	Squamous cell carcinoma of skin of right ear and external auricular canal		

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ICD-10	ICD-10 Description		
C44.229	Squamous cell carcinoma of skin of left ear and external auricular canal		
C44.320	Squamous cell carcinoma of skin of unspecified parts of face		
C44.321	Squamous cell carcinoma of skin of nose		
C44.329	Squamous cell carcinoma of skin of other parts of face		
C44.42	Squamous cell carcinoma of skin of scalp and neck		
C44.520	Squamous cell carcinoma of anal skin		
C44.521	Squamous cell carcinoma of skin of breast		
C44.529	Squamous cell carcinoma of skin of other part of trunk		
C44.621	Squamous cell carcinoma of skin of unspecified upper limb, including shoulder		
C44.622	Squamous cell carcinoma of skin of right upper limb, including shoulder		
C44.629	Squamous cell carcinoma of skin of left upper limb, including shoulder		
C44.721	Squamous cell carcinoma of skin of unspecified lower limb, including hip		
C44.722	Squamous cell carcinoma of skin of right lower limb, including hip		
C44.729	Squamous cell carcinoma of skin of left lower limb, including hip		
C44.82	Squamous cell carcinoma of overlapping sites of skin		
C44.92	Squamous cell carcinoma of skin, unspecified		
C76.0	Malignant neoplasm of head, face and neck		
C77.0	Secondary and unspecified malignant neoplasm of lymph nodes of head, face and neck		
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		
D37.01	Neoplasm of uncertain behavior of lip		
D37.02	Neoplasm of uncertain behavior of tongue		
D37.05	Neoplasm of uncertain behavior of pharynx		
D37.09	Neoplasm of uncertain behavior of other specified sites of the oral cavity		
D38.0	Neoplasm of uncertain behavior of larynx		
D38.5	Neoplasm of uncertain behavior of other respiratory organs		
D38.6	Neoplasm of uncertain behavior of respiratory organ, unspecified		
Z85.038	Personal history of other malignant neoplasm of large intestine		

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

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 Determination (NCD), Local Coverage Determinations (LCDs), and Local Coverage Articles (LCAs) may exist and compliance with these policies is required where applicable. They can be found at:



<u>https://www.cms.gov/medicare-coverage-database/search.aspx</u>. Additional indications may be covered at the discretion of the health plan.

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)	
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, LLC	
M (11)	NC, SC, WV, VA (excluding below)	Palmetto GBA, LLC	
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	КҮ, ОН	CGS Administrators, LLC	

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

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