

Reference number(s)
1891-A

SPECIALTY GUIDELINE MANAGEMENT

AVASTIN (bevacizumab)
ALYMSYS (bevacizumab-maly)
AVZIVI (bevacizumab-tnjn)
MVASI (bevacizumab-awwb)
VEGZELMA (bevacizumab-adcd)
ZIRABEV (bevacizumab-bvzr)

POLICY

I. INDICATIONS

The indications below including FDA-approved indications and compendial uses are considered a covered benefit provided that all the approval criteria are met and the member has no exclusions to the prescribed therapy.

A. FDA-Approved Indications

1. **Metastatic Colorectal Cancer (mCRC)**
 - a. Avastin, Alymsys, Avzivi, Mvasi, Vegzelma or Zirabev, in combination with intravenous fluorouracil-based chemotherapy, is indicated for the first- or second-line treatment of patients with metastatic colorectal cancer.
 - b. Avastin, Alymsys, Avzivi, Mvasi, Vegzelma or Zirabev, in combination with fluoropyrimidine-irinotecan- or fluoropyrimidine-oxaliplatin-based chemotherapy, is indicated for the second-line treatment of patients with metastatic colorectal cancer who have progressed on a first-line bevacizumab product-containing regimen.
2. **First-Line Non-Squamous Non-Small Cell Lung Cancer (NSCLC)**
Avastin, Alymsys, Avzivi, Mvasi, Vegzelma or Zirabev, in combination with carboplatin and paclitaxel, is indicated for the first-line treatment of patients with unresectable, locally advanced, recurrent or metastatic non-squamous non-small cell lung cancer.
3. **Recurrent Glioblastoma (RGM)**
Avastin, Alymsys, Avzivi, Mvasi, Vegzelma or Zirabev, is indicated for the treatment of recurrent glioblastoma in adults.
4. **Metastatic Renal Cell Carcinoma (mRCC)**
Avastin, Alymsys, Avzivi, Mvasi, Vegzelma or Zirabev, in combination with interferon alfa, is indicated for the treatment of metastatic renal cell carcinoma.
5. **Persistent, Recurrent, or Metastatic Cervical Cancer**
Avastin, Alymsys, Avzivi, Mvasi, Vegzelma or Zirabev, in combination with paclitaxel and cisplatin or paclitaxel and topotecan, is indicated for the treatment of patients with persistent, recurrent, or metastatic cervical cancer.
6. **Epithelial Ovarian, Fallopian Tube, or Primary Peritoneal Cancer**
 - a. Avastin, Mvasi, Vegzelma or Zirabev, in combination with carboplatin and paclitaxel, followed by Avastin, Mvasi, Vegzelma or Zirabev as a single agent, is indicated for the treatment of patients with stage III or IV epithelial ovarian, fallopian tube, or primary peritoneal cancer following initial surgical resection.
 - b. Avastin, Alymsys, Avzivi, Mvasi, Vegzelma or Zirabev, in combination with paclitaxel, pegylated liposomal doxorubicin, or topotecan, is indicated for the treatment of patients with platinum-resistant recurrent epithelial ovarian, fallopian tube or primary peritoneal cancer who received no more than 2 prior chemotherapy regimens.
 - c. Avastin, Mvasi, Vegzelma or Zirabev, in combination with carboplatin and paclitaxel, or with carboplatin and gemcitabine, followed by Avastin, Mvasi, Vegzelma or Zirabev as a single agent,

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is indicated for the treatment of patients with platinum-sensitive recurrent epithelial ovarian, fallopian tube, or primary peritoneal cancer.

7. Hepatocellular Carcinoma
Avastin, in combination with atezolizumab, is indicated for the treatment of patients with unresectable or metastatic hepatocellular carcinoma (HCC) who have not received prior systemic therapy.

B. Compendial Uses

1. Breast Cancer
2. Central Nervous System (CNS) Cancers
 - a. Circumscribed glioma
 - b. Diffuse high grade gliomas
 - c. Glioblastoma
 - d. IDH mutant astrocytoma (WHO Grade 2, 3, or 4)
 - e. Oligodendroglioma (WHO Grade 2 or 3)
 - f. Intracranial and Spinal Ependymoma (excluding subependymoma)
 - g. Medulloblastoma
 - h. Primary Central Nervous System Lymphoma
 - i. Meningiomas
 - j. Limited and Extensive Brain Metastases
 - k. Metastatic Spine Tumors
 - l. Neurofibromatosis type 2 vestibular schwannomas
3. Pleural Mesothelioma, Peritoneal Mesothelioma, Pericardial Mesothelioma, Tunica Vaginalis Testis Mesothelioma
4. Ovarian Cancer, Fallopian Tube Cancer, Primary Peritoneal Cancer
5. Soft Tissue Sarcoma
 - a. Angiosarcoma
 - b. Solitary Fibrous Tumor/Hemangiopericytoma
6. Uterine Neoplasms/Endometrial Carcinoma
7. Vulvar Carcinoma
8. Small Bowel Adenocarcinoma
9. Ampullary Adenocarcinoma
10. Appendiceal Adenocarcinoma
11. Anal Adenocarcinoma
12. Renal Cell Carcinoma
13. Hepatocellular Carcinoma
14. Ophthalmic Disorders
 - a. Diabetic Macular Edema
 - b. Neovascular (wet) Age-Related Macular Degeneration
 - c. Macular Edema following Retinal Vein Occlusion
 - d. Proliferative Diabetic Retinopathy
 - e. Choroidal Neovascularization
 - f. Neovascular Glaucoma
 - g. Retinopathy of Prematurity
 - h. Polypoidal Choroidal Vasculopathy

All other indications are considered experimental/investigational and not medically necessary.

II. CRITERIA FOR INITIAL APPROVAL

A. Ophthalmic Disorders

Authorization of 6 months may be granted for treatment of the following retinal disorders:

1. Diabetic Macular Edema

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2. Neovascular (wet) Age-Related Macular Degeneration
3. Macular Edema following Retinal Vein Occlusion
4. Proliferative Diabetic Retinopathy
5. Choroidal Neovascularization (including myopic choroidal neovascularization, angioid streaks, choroiditis [including choroiditis secondary to ocular histoplasmosis], idiopathic degenerative myopia, retinal dystrophies, rubeosis iridis, pseudoxanthoma elasticum, and trauma)
6. Neovascular Glaucoma
7. Retinopathy of Prematurity
8. Polypoidal Choroidal Vasculopathy

B. Colorectal Cancer (CRC)

Authorization of 12 months may be granted for treatment of colorectal cancer, including appendiceal adenocarcinoma and anal adenocarcinoma.

C. Small Bowel Adenocarcinoma

Authorization of 12 months may be granted for treatment of small bowel adenocarcinoma.

D. Ampullary Adenocarcinoma

Authorization of 12 months may be granted for treatment of intestinal-type ampullary adenocarcinoma that is progressive, unresectable, or metastatic.

E. Non-Small Cell Lung Cancer (NSCLC)

Authorization of 12 months may be granted for treatment of recurrent, unresectable, advanced, or metastatic non-squamous NSCLC.

F. CNS Cancer

Authorization of 12 months may be granted for treatment of the following types of CNS cancer:

1. Circumscribed glioma
2. Diffuse high grade gliomas
3. Glioblastoma
4. IDH mutant astrocytoma (WHO Grade 2, 3 or 4)
5. Oligodendroglioma (WHO Grade 2 or 3)
6. Intracranial and Spinal Ependymoma (excludes subependymoma)
7. Medulloblastoma
8. Primary Central Nervous System Lymphoma
9. Meningiomas
10. Limited and Extensive Brain Metastases
11. Metastatic Spine Tumors
12. Neurofibromatosis type 2 vestibular schwannomas

G. Ovarian Cancer/Fallopian Tube Cancer/Primary Peritoneal Cancer

Authorization of 12 months may be granted for treatment of epithelial ovarian cancer, fallopian tube cancer, primary peritoneal cancer, and malignant sex cord stromal tumors.

H. Uterine Neoplasms/Endometrial Carcinoma

Authorization of 12 months may be granted for treatment of progressive, recurrent, or metastatic uterine neoplasms or endometrial carcinoma.

I. Cervical/Vaginal Cancer

Authorization of 12 months may be granted for treatment of persistent, recurrent, or metastatic cervical or vaginal cancer.

J. Breast Cancer

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Authorization of 12 months may be granted for treatment of metastatic breast cancer.

K. Renal Cell Carcinoma

Authorization of 12 months may be granted for treatment of relapsed or stage IV renal cell carcinoma.

L. Soft Tissue Sarcoma

1. Authorization of 12 months may be granted for treatment of angiosarcoma, as single agent therapy.
2. Authorization of 12 months may be granted for treatment of solitary fibrous tumor or hemangiopericytoma, in combination with temozolomide.

M. Mesothelioma

1. Authorization of 12 months may be granted for treatment of pleural mesothelioma, peritoneal mesothelioma, pericardial mesothelioma, or tunica vaginalis testis mesothelioma when any of the following criteria are met:
 - a. As first-line therapy in combination with pemetrexed and either cisplatin or carboplatin, followed by single-agent maintenance bevacizumab
 - b. As subsequent therapy in combination with pemetrexed and either cisplatin or carboplatin if immunotherapy was administered as first-line treatment
2. Authorization of 12 months may be granted for treatment of peritoneal mesothelioma, pericardial mesothelioma, or tunica vaginalis testis mesothelioma when used in combination with atezolizumab as subsequent therapy.

N. Vulvar Carcinoma

Authorization of 12 months may be granted for treatment of advanced, recurrent, or metastatic vulvar carcinoma, including squamous cell carcinoma and adenocarcinoma.

O. Hepatocellular Carcinoma

1. Authorization of 12 months may be granted for treatment of unresectable, inoperable, or metastatic hepatocellular carcinoma, when the requested medication will be used as initial treatment in combination with atezolizumab.
2. Authorization of 12 months may be granted for adjuvant treatment of operable hepatocellular carcinoma, when the member is at a high risk of recurrence and the requested medication will be used in combination with atezolizumab.

III. CONTINUATION OF THERAPY

A. Ophthalmic Disorders

For ophthalmic disorders, authorization of 12 months may be granted for continued treatment in members requesting reauthorization for an indication listed in Section II when the member has demonstrated a positive clinical response to therapy (e.g., improvement or maintenance in best corrected visual acuity [BCVA] or visual field, or a reduction in the rate of vision decline or the risk of more severe vision loss).

B. All Other Indications

For all other indications, authorization of 12 months may be granted for continued treatment in members requesting reauthorization for an indication listed in Section II when there is no evidence of unacceptable toxicity or disease progression while on the current regimen.

IV. REFERENCES

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