



PHARMACY COVERAGE GUIDELINES  
SECTION: DRUGS

ORIGINAL EFFECTIVE DATE: 03/17/16  
LAST REVIEW DATE: 02/21/19  
LAST CRITERIA REVISION DATE: 02/21/19  
ARCHIVE DATE:

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## TEMODAR® (temozolomide) oral capsule Temozolomide oral capsule

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Coverage for services, procedures, medical devices and drugs are dependent upon benefit eligibility as outlined in the member's specific benefit plan. This Pharmacy Coverage Guideline must be read in its entirety to determine coverage eligibility, if any.

This Pharmacy Coverage Guideline provides information related to coverage determinations only and does not imply that a service or treatment is clinically appropriate or inappropriate. The provider and the member are responsible for all decisions regarding the appropriateness of care. Providers should provide BCBSAZ complete medical rationale when requesting any exceptions to these guidelines.

The section identified as "Description" defines or describes a service, procedure, medical device or drug and is in no way intended as a statement of medical necessity and/or coverage.

The section identified as "Criteria" defines criteria to determine whether a service, procedure, medical device or drug is considered medically necessary or experimental or investigational.

State or federal mandates, e.g., FEP program, may dictate that any drug, device or biological product approved by the U.S. Food and Drug Administration (FDA) may not be considered experimental or investigational and thus the drug, device or biological product may be assessed only on the basis of medical necessity.

Pharmacy Coverage Guidelines are subject to change as new information becomes available.

For purposes of this Pharmacy Coverage Guideline, the terms "experimental" and "investigational" are considered to be interchangeable.

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This Pharmacy Coverage Guideline does not apply to FEP or other states' Blues Plans.

Information about medications that require precertification is available at [www.azblue.com/pharmacy](http://www.azblue.com/pharmacy).

Some large (100+) benefit plan groups may customize certain benefits, including adding or deleting precertification requirements.

All applicable benefit plan provisions apply, e.g., waiting periods, limitations, exclusions, waivers and benefit maximums.

Precertification for medication(s) or product(s) indicated in this guideline requires completion of the request form in its entirety with the chart notes as documentation. All requested data must be provided. Once completed the form must be signed by the prescribing provider and faxed back to BCBSAZ Pharmacy Management at (602) 864-3126 or emailed to [Pharmacyprecert@azblue.com](mailto:Pharmacyprecert@azblue.com). **Incomplete forms or forms without the chart notes will be returned.**

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## TEMODAR® (temozolomide) oral capsule Temozolomide oral capsule (cont.)

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### Criteria:

- **Criteria for initial therapy:** Temodar (temozolomide) and generic temozolomide is considered *medically necessary* and will be approved when **ALL** of the following criteria are met:
1. Prescriber is an Oncologist
  2. Individual is 18 years of age or older
  3. A confirmed diagnosis of **ONE** of the following:
    - Ewing's Sarcoma – for progressive, relapsed or metastatic disease, used in combination with irinotecan with or without vincristine
    - Adult low-grade infiltrative supratentorial astrocytoma/oligodendroglioma (excluding pilocytic astrocytoma) – as a single agent for recurrent or progressive disease
    - Anaplastic gliomas (including anaplastic astrocytoma, anaplastic oligodendroglioma, mixed anaplastic oligoastrocytoma, and other rare anaplastic gliomas) – adjuvant treatment as a single agent or as treatment as a single agent or in combination with bevacizumab for recurrent disease
    - Glioblastoma – adjuvant treatment or treatment of recurrent disease as a single agent or in combination with bevacizumab
    - Adult intracranial and spinal ependymoma (excluding subependymoma) as a single agent for progression of recurrent disease
    - Adult medulloblastoma – treatment for recurrence in persons who have received prior chemotherapy, as a single agent
    - Primary CNS Lymphoma – induction or consolidation therapy in combination with high-dose methotrexate and rituximab or treatment as a single agent or in combination with rituximab for relapsed or refractory disease
    - Limited or extensive brain metastatic lesions –Single agent treatment for recurrent brain metastases in patients with stable systemic disease or reasonable systemic treatment options
    - Melanoma - Single agent therapy for metastatic or unresectable disease as second-line or subsequent therapy for disease progression or after maximum clinical benefit from BRAF targeted therapy
    - Neuroendocrine tumors of the GI tract, lung and thymus (Carcinoid Tumors) for the management of locoregional unresectable bronchopulmonary/thymic disease and/or distant metastasis

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**Temozolomide oral capsule (cont.)**

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- Neuroendocrine tumors of the pancreas —For the management of bulky, symptomatic, and/or progressive locoregional advanced disease and/or distant metastatic disease as a single agent or in combination with capecitabine
  - Pheochromocytoma/Paraganglioma - primary treatment as a single agent for distant metastases
  - Neuroendocrine and adrenal tumors - Poorly Differentiated (High Grade)/Large or Small Cell - Primary treatment with or without capecitabine
  - Mycosis Fungoides (MF)/Sezary Syndrome (SS) - Systemic therapy as treatment for CNS involvement
  - Primary Cutaneous CD30+ T-Cell Lymphoproliferative Disorders - Therapy for primary cutaneous anaplastic large cell lymphoma (ALCL) with multifocal lesions, or cutaneous ALCL with regional nodes (excludes systemic ALCL), as a single agent for relapsed/refractory disease with CNS involvement
  - Small cell lung cancer – subsequent systemic therapy as a single agent for primary progressive disease or relapse
  - Soft tissue sarcoma of the extremity/superficial trunk or head/neck – single agent palliative therapy for stage IV or recurrent disease with disseminated metastases
  - Retroperitoneal/intraabdominal soft tissue sarcoma – single agent palliative therapy for unresectable or progressive disease
  - Angiosarcoma - single agent palliative therapy
  - Rhabdomyosarcoma - therapy for pleomorphic rhabdomyosarcoma as single agent palliative therapy or non-pleomorphic rhabdomyosarcoma in combination with vincristine and irinotecan
  - Solitary fibrous tumor/Hemangiopericytoma-- in combination with bevacizumab
  - Uterine sarcoma - as single agent therapy for recurrent or metastatic disease which has progressed following prior cytotoxic chemotherapy
  - Uveal melanoma - as single agent therapy for metastatic or unresectable disease
  - Other request for a specific oncologic direct treatment use that is found and listed in the National Comprehensive Cancer Network (NCCN) Guidelines with Categories of Evidence and Consensus of 1 and 2A
4. **ALL** of the following baseline tests have been completed before initiation of treatment:
- Complete blood count (CBC) with differential
  - Liver function tests

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5. There are **NO** contraindications:
- Contraindications include:
    - Known hypersensitivity to any temozolomide component
    - Patients who have a history of hypersensitivity to dacarbazine (DTIC)

**Initial approval duration:** 6 months

- **Criteria for continuation of coverage (renewal request):** Temodar (temozolomide) and generic temozolomide is considered ***medically necessary*** and will be approved when **ALL** of the following criteria are met:
1. Individual continues to be in consultation with an Oncologist
  2. Individual's condition has not worsened while on therapy
  3. Individual has been adherent with the medication
  4. Individual has not developed any contraindications or other significant level 4 adverse drug effects that may exclude continued use
    - Contraindications as listed in the criteria for initial therapy section
    - Significant adverse effect such as:
      - Neutropenia or thrombocytopenia
      - Hepatotoxicity
  5. There are no significant interacting drugs

**Renewal duration:** 6 months

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### **Description:**

Temodar (temozolomide) is indicated for the treatment of adult patients with newly diagnosed glioblastoma multiforme used concomitantly with radiotherapy and then as maintenance treatment and for the treatment of adult patients with refractory anaplastic astrocytoma in patients who have experienced disease progression on a drug regimen containing nitrosourea and procarbazine.

Temozolomide is not directly active but spontaneously undergoes rapid non-enzymatic conversion at physiologic pH to the reactive compound 5-(3-methyltriazene-1-yl)-imidazole-4-carboxamide (MTIC). MTIC is further hydrolyzed to 5-amino-imidazole-4-carboxamide (AIC), which is known to be an intermediate in purine and nucleic acid biosynthesis, and to methylhydrazine, which is believed to be the active alkylating species. Cytotoxicity is thought to be primarily due to alkylation of DNA. Alkylation (methylation) occurs mainly at the O<sup>6</sup> and N<sup>7</sup> positions of guanine.



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**Resources:**

NCCN Drugs & Biologics Compendium Temodar accessed 02-05-19

Off Label Use of Cancer Medications: A.R.S. §§ 20-826(R) & (S). Subscription contracts; definitions.

Off Label Use of Cancer Medications: A.R.S. §§ 20-1057(V) & (W). Evidence of coverage by health care service organizations; renewability; definitions.

Temodar. Package Insert. Revised by manufacturer 10/2017. Accessed 02-27-18.

Temodar. Package Insert. Revised by manufacturer 09/2015. Accessed 03-17-16, 02-14-17.

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# Pharmacy Prior Authorization Request Form

**6. Is there any additional information the prescribing provider feels is important to this review? Please specify below.**  
For example, explain the negative impact on medical condition, safety issue, reason formulary agent is not suitable to a specific medical condition, expected adverse clinical outcome from use of formulary agent, or reason different dosage form or dose is needed.

**Signature affirms that information given on this form is true and accurate and reflects office notes**

Prescribing Provider's Signature:	Date:
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**Please note:** Some medications may require completion of a drug-specific request form.

**Incomplete forms or forms without the chart notes will be returned.**

Office notes, labs, and medical testing relevant to the request that show medical justification are required.