

Clinical Policy: Durvalumab (Imfinzi)

Reference Number: PA.CP.PHAR.339

Effective Date: 01/2018

Last Review Date: 04/2025

Description

Durvalumab (Imfinzi[®]) is a programmed death-ligand 1 (PD-L1) blocking antibody.

FDA approved indication

Imfinzi is indicated:

- In combination with platinum-containing chemotherapy as neoadjuvant treatment, followed by Imfinzi continued as a single agent as adjuvant treatment after surgery, for the treatment of adult patients with resectable (tumors ≥ 4 cm and/or node positive) non-small cell lung cancer (NSCLC) and no known epidermal growth factor receptor (EGFR) mutations or anaplastic lymphoma kinase (ALK) rearrangements
- As a single agent for the treatment of adult patients with unresectable, stage II NSCLC whose disease has not progressed following concurrent platinum-based chemotherapy and radiation therapy.
- In combination with tremelimumab-actl (Imjudo[®]) and platinum-based chemotherapy, for the treatment of adult patients with metastatic NSCLC with no sensitizing EGFR mutations or ALK genomic tumor aberrations.
- As a single agent, for the treatment of adult patients with limited-stage small cell lung cancer (LS-SCLS) whose disease has not progressed following concurrent platinum-based chemotherapy and radiation therapy.
- In combination with etoposide and either carboplatin or cisplatin as first-line treatment of adults patients with extensive-stage small cell lung cancer (ES-SCLC).
- In combination with gemcitabine and cisplatin, as treatment of adult patients with locally advanced or metastatic biliary tract cancer (BTC).
- In combination with tremelimumab-actl (Imjudo[®]) as treatment of adults patients with unresectable hepatocellular carcinoma (HCC).
- In combination with carboplatin and paclitaxel followed by Imfinzi as a single agent for the treatment of adult patients with primary advanced or recurrent endometrial cancer that is mismatch repair deficient (dMMR) as determined by an FDA-approved test.
- In combination with gemcitabine and cisplatin as neoadjuvant treatment, followed by single agent Imfinzi as adjuvant treatment following radical cystectomy, for the treatment of adult patients with muscle invasive bladder cancer (MIBC).

Policy/Criteria

Provider must submit documentation (which may include office chart notes and lab results) supporting that member has met all approval criteria

It is the policy of PA Health & Wellness[®] that Imfinzi is **medically necessary** when the following criteria are met:

I. Initial Approval Criteria

A. Non-Small Cell Lung Cancer (must meet all):

1. Diagnosis of NSCLC;
2. Prescribed by or in consultation with an oncologist;
3. Age ≥ 18 years;
4. Request meets one of the following (a-e):
 - a. Disease is unresectable, stage II-III, and all of the following (i, ii, and iii):
 - i. Disease has not progressed following concurrent platinum-based chemotherapy and radiation therapy (RT);
 - ii. Prescribed as a single agent;
 - iii. Disease does not have EGFR exon 19 deletion or exon 21 L858R mutation;
 - b. Disease is recurrent, advanced or metastatic and Imfinzi is prescribed in combination with Imjudo (tremelimumab-actl) and platinum-based chemotherapy as one of the following (i-ix):
 - i. First-line therapy for disease without EGFR exon 19 deletion, EGFR exon 21 L858R mutation, ALK, RET, or ROS1 rearrangement, or other actionable molecular biomarkers (e.g., KRAS, ROS1, BRAF, NTRK1/2/3, MET, RET, NRG1, ERBB2 (HER2) – note: may be KRAS G12C mutation positive) (see *Appendix E*);
 - ii. First-line therapy for EGFR exon 20 mutation positive disease;
 - iii. First-line or subsequent therapy for BRAF V600E mutation positive tumors;
 - iv. First-line or subsequent therapy for NTRK1/2/3 gene fusion positive tumors;
 - v. First-line or subsequent therapy for MET exon 14 skipping mutation positive tumors;
 - vi. First-line or subsequent therapy for RET rearrangement positive tumors;
 - vii. First-line therapy for ERBB2 (HER2) mutation positive tumors;
 - viii. First-line therapy for NRG1 gene fusion positive tumors;
 - ix. Subsequent therapy for EGFR S768I, L861Q, and/or G719X mutation positive tumors and prior afatinib, osimertinib, erlotinib, gefitinib, or dacomitinib therapy;
 - c. Prescribed as continuation maintenance therapy for recurrent, advanced, or metastatic disease that is negative for actionable molecular biomarkers (may be KRAS G12C mutation positive) and no contraindications to PD-1 or PD-L1 inhibitors (see *Appendix D*), and performance status 0-2, that achieved tumor response or stable disease following initial systemic therapy with one of the following (i or ii):
 - i. Imfinzi/Imjudo/pemetrexed with either carboplatin or cisplatin for nonsquamous cell histology, and Imfinzi for maintenance therapy is prescribed in combination with pemetrexed (off-label);
 - ii. Imfinzi/Imjudo plus chemotherapy, and Imfinzi for maintenance therapy is prescribed a single agent (off-label);
 - d. Prescribed as neoadjuvant therapy in combination with platinum-containing chemotherapy, followed by use as adjuvant therapy as a single agent after surgery for disease that meets both of the following (i and ii):
 - i. Resectable (tumors ≥ 4 cm and/or node positive);

- ii. No known EGFR or ALK mutations;
- e. Other NCCN category 1, 2A or 2B recommendation;
- 5. For brand Imfinzi requests, member must use generic durvalumab, if available, unless contraindicated or clinically significant adverse effects are experienced;
- 6. Request meets one of the following (a-d):
 - a. For unresectable, stage II-III disease (i or ii):
 - i. For body weight < 30 kg: dose does not exceed 10 mg/kg every 2 weeks;
 - ii. For body weight \geq 30 kg: dose does not exceed 10 mg/kg every 2 weeks or 1,500 mg every 4 weeks;
 - b. For metastatic disease (i or ii):
 - i. For body weight < 30 kg: dose does not exceed Imfinzi 20 mg/kg every 3 weeks in combination with Imjudo 1 mg/kg and platinum-based chemotherapy, and then Imfinzi 20 mg/kg every 4 weeks as a single agent with histology-based pemetrexed therapy every 4 weeks, and a fifth dose of Imjudo 1 mg/kg in combination with Imfinzi dose 6 at Week 16;
 - ii. For body weight \geq 30 kg: dose does not exceed Imfinzi 1,500 mg every 3 weeks in combination with Imjudo 75 mg and platinum-based chemotherapy for 4 cycles, and then Imfinzi 1,500 mg every 4 weeks as a single agent with histology-based pemetrexed maintenance therapy every 4 weeks, and a fifth dose of Imjudo 75 mg in combination with Imfinzi dose 6 at Week 16;
 - c. For resectable disease (i and ii):
 - i. Neoadjuvant therapy (1 or 2):
 - 1) For body weight < 30 kg: Dose does not exceed Imfinzi 20 mg/kg every 3 weeks in combination with chemotherapy for up to 4 cycles prior to surgery;
 - 2) For body weight \geq 30 kg: Dose does not exceed Imfinzi 1,500 mg every 3 weeks in combination with chemotherapy for up to 4 cycles prior to surgery;
 - ii. Adjuvant therapy (1 or 2):
 - 1) For body weight < 30 kg: Dose does not exceed 20 mg/kg every 4 weeks as a single agent for up to 12 cycles after surgery;
 - 2) For body weight \geq 30 kg: Dose does not exceed 1,500 mg every 4 weeks as a single agent for up to 12 cycles after surgery;
 - d. Dose is supported by practice guidelines or peer-reviewed literature for the relevant off-label use (*prescriber must submit supporting evidence*).

Approval duration: 6 months

B. Extensive-Stage Small Cell Lung Cancer (must meet all):

- 1. Diagnosis of ES-SCLC;
- 2. Prescribed by or in consultation with an oncologist;
- 3. Age \geq 18 years;
- 4. Prescribed as first-line treatment with etoposide and either carboplatin or cisplatin followed by maintenance with Imfinzi as a single agent;
- 5. For brand Imfinzi requests, member must use generic durvalumab, if available, unless contraindicated or clinically significant adverse effects are experienced;
- 6. Request meets one of the following (a, b, or c):

- a. For body weight < 30 kg, dose does not exceed 20 mg/kg every 3 weeks in combination with chemotherapy for 4 cycles, then 10 mg/kg every 2 weeks as a single agent;
- b. For body weight \geq 30 kg, dose does not exceed 1500 mg every 3 weeks in combination with chemotherapy for 4 cycles, then 1500 mg every 4 weeks as a single agent;
- c. Dose is supported by practice guidelines or peer-reviewed literature for the relevant off-label use (*prescriber must submit supporting evidence*).

Approval duration: 6 months

C. Limited-Stage Small Cell Lung Cancer (must meet all):

1. Diagnosis of LS-SCLC;
2. Prescribed by or in consultation with an oncologist;
3. Age \geq 18 years;
4. Has not progressed following concurrent platinum-based chemotherapy and radiation therapy;
5. For brand Imfinzi requests, member must use generic durvalumab, if available, unless contraindicated or clinically significant adverse effects are experienced;
6. Request meets one of the following (a, b, or c):
 - a. For body weight < 30 kg, dose does not exceed 20 mg/kg every 4 weeks;
 - b. For body weight \geq 30 kg, dose does not exceed 1500 mg every 4 weeks;
 - c. Dose is supported by practice guidelines or peer-reviewed literature for the relevant off-label use (*prescriber must submit supporting evidence*).

Approval duration: 6 months

D. Biliary Tract Cancer (must meet all):

1. Diagnosis of locally advanced, unresectable, resected gross residual (R2), resectable locoregionally advanced disease, recurrent (> 6 months after surgery with curative intent and/or completion of adjuvant therapy), or metastatic BTC;
2. Prescribed by or in consultation with an oncologist;
3. Age \geq 18 years;
4. Prescribed in combination with gemcitabine and cisplatin;
5. Request meets one of the following (a, b, or c):
 - a. For body weight < 30 kg, dose does not exceed 20 mg/kg every 3 weeks in combination with chemotherapy, then 20 mg/kg every 4 weeks as a single agent;
 - b. For body weight \geq 30 kg, dose does not exceed 1,500 mg every 3 weeks in combination with chemotherapy, then 1,500 mg every 4 weeks as a single agent;
 - c. Dose is supported by practice guidelines or peer-reviewed literature for the relevant off-label use (*prescriber must submit supporting evidence*).

Approval duration: 6 months

E. Hepatocellular Carcinoma (must meet all):

1. Diagnosis of unresectable, progressive, liver-confined, or extrahepatic/metastatic hepatocellular carcinoma;
2. Prescribed by or in consultation with an oncologist;
3. Age \geq 18 years;

4. For brand Imfinzi requests, member must use generic durvalumab, if available, unless contraindicated or clinically significant adverse effects are experienced;
5. Request meets one of the following (a, b, or c):
 - a. For body weight < 30 kg: dose does not exceed Imfinzi 20 mg/kg in combination with Imjudo4 mg/kg as a single dose at Cycle 1/Day 1, followed by Imfinzi as a single agent every 4 weeks;
 - b. For body weight \geq 30 kg: dose does not exceed Imfinzi 1,500 mg in combination with Imjudo300 mg as a single dose at Cycle 1/Day 1, followed by Imfinzi as a single agent every 4 weeks;
 - c. Dose supported by practice guidelines or peer-reviewed literature for the relevant off-label use (*prescriber must submit supporting evidence*).

Approval duration: 6 months

F. Endometrial Cancer (must meet all):

1. Diagnosis of primary advanced, recurrent, metastatic, stage III, or stage IV endometrial cancer;
2. Prescribed by or in consultation with an oncologist;
3. Age \geq 18 years;
4. Prescribed in combination with carboplatin and paclitaxel for the first 6 cycles;
5. Disease is dMMR;
6. For brand Imfinzi requests, member must use generic durvalumab, if available, unless contraindicated or clinically significant adverse effects are experienced;
7. Request meets one of the following (a, b, or c):
 - a. For body weight < 30 kg: Dose does not exceed 15 mg/kg every 3 weeks in combination with carboplatin and paclitaxel for 6 cycles, then 20 mg/kg every 4 weeks as a single agent;
 - b. For body weight \geq 30 kg: Dose does not exceed 1,120 mg every 3 weeks in combination with carboplatin and paclitaxel for 6 cycles, then 1,500 mg every 4 weeks as a single agent;
 - c. Dose supported by practice guidelines or peer-reviewed literature for the relevant off-label use (*prescriber must submit supporting evidence*).

Approval duration: 6 months

G. Muscle Invasive Bladder Cancer (must meet all):

1. Diagnosis of MIBC;
2. Prescribed by or in consultation with an oncologist;
3. Age \geq 18 years;
4. Prescribed as neoadjuvant therapy in combination with gemcitabine and cisplatin, followed by use as adjuvant therapy as a single agent after radical cystectomy;
5. For brand Imfinzi requests, member must use generic durvalumab, if available, unless contraindicated or clinically significant adverse effects are experienced;
6. Request meets one of the following (a, b, or c):
 - a. For body weight < 30 kg: Dose does not exceed (i and ii):
 - i. Neoadjuvant: Imfinzi 20 mg/kg in combination with gemcitabine and cisplatin every 3 weeks for 4 cycles prior to surgery;

- ii. Adjuvant: Imfinzi 20 mg/kg every 4 weeks as a single agent for up to 8 cycles after surgery;
- b. For body weight ≥ 30 kg: Dose does not exceed (i and ii):
 - i. Neoadjuvant: Imfinzi 1,500 mg in combination with gemcitabine and cisplatin every 3 weeks for 4 cycles prior to surgery;
 - ii. Adjuvant: Imfinzi 1,500 mg every 4 weeks as a single agent for up to 8 cycles after surgery;
- c. Dose supported by practice guidelines or peer-reviewed literature for the relevant off-label use (*prescriber must submit supporting evidence*).

Approval duration: 6 months

H. Cervical Cancer (off-label) (must meet all):

- 1. Diagnosis of persistent, recurrent, or metastatic small cell neuroendocrine carcinoma of the cervix (NECC);
- 2. Prescribed by or in consultation with an oncologist;
- 3. Age ≥ 18 years;
- 4. Prescribed in combination with etoposide and either cisplatin or carboplatin, or continued as a single agent for maintenance therapy;
- 5. For brand Imfinzi requests, member must use generic durvalumab, if available, unless contraindicated or clinically significant adverse effects are experienced;
- 6. Request meets one of the following (a or b):
 - a. Dose does not exceed the FDA approved maximum recommended dose;
 - b. Dose supported by practice guidelines or peer-reviewed literature for the relevant off-label use (*prescriber must submit supporting evidence*).

Approval duration: 6 months

I. Gastric, Esophageal, and Esophagogastric Junction Cancer (off-label) (must meet all):

- 1. Diagnosis of gastric, esophageal, or esophagogastric junction adenocarcinoma;
- 2. Prescribed by or in consultation with an oncologist;
- 3. Age ≥ 18 years;
- 4. Prescribed in combination with Imjudo as neoadjuvant therapy;
- 5. Disease is microsatellite instability-high (MSI-H) or deficient mismatch repair (dMMR);
- 6. Provider attestation that member is medically fit for surgery;
- 7. For brand Imfinzi requests, member must use generic durvalumab, if available, unless contraindicated or clinically significant adverse effects are experienced;
- 8. Request meets one of the following (a or b):
 - a. Dose does not exceed the FDA approved maximum recommended dose;
 - b. Dose supported by practice guidelines or peer-reviewed literature for the relevant off-label use (*prescriber must submit supporting evidence*).

Approval duration: 6 months

J. Ampullary Adenocarcinoma (off-label) (must meet all):

- 1. Diagnosis of ampullary adenocarcinoma (pancreatobiliary or mixed type);
- 2. Prescribed by or in consultation with an oncologist;

3. Age \geq 18 years;
4. Prescribed in combination with gemcitabine and cisplatin;
5. Disease is metastatic;
6. For brand Imfinzi requests, member must use generic durvalumab, if available, unless contraindicated or clinically significant adverse effects are experienced;
7. Request meets one of the following (a or b):
 - a. Dose does not exceed the FDA approved maximum recommended dose;
 - b. Dose supported by practice guidelines or peer-reviewed literature for the relevant off-label use (*prescriber must submit supporting evidence*).

Approval duration: 6 months

K. Other diagnoses/indications:

1. Refer to PA.CP.PMN.53.

II. Continued Therapy

A. All Indications in Section I (must meet all):

1. Currently receiving medication via of PA Health & Wellness benefit or member has previously met initial approval criteria; or the Continuity of Care policy (PA.PHARM.01) applies;
2. For unresectable NSCLC requests, member has not received more than 12 months of Imfinzi therapy;
3. For resectable NSCLC requests, member has not received more than 12 cycles of Iminfzi therapy following surgery;
4. For MIBC requests, member has not received more than 8 cycles of Imfinzi therapy following surgery;
5. Member is responding positively to therapy;
6. For brand Imfinzi requests, member must use generic durvalumab, if available, unless contraindicated or clinically significant adverse effects are experienced;
7. If request is for a dose increase, request meets one of the following (a-i):
 - a. For unresectable stage II-II NSCLC (i or ii):
 - i. For body weight $<$ 30 kg: new dose does not exceed 10 mg/kg every 2 weeks;
 - ii. For body weight \geq 30 kg: new dose does not exceed 10 mg/kg every 2 weeks or 1,500 mg every 4 weeks
 - b. For metastatic NSCLC (i or ii):
 - i. For body weight $<$ 30 kg: new dose does not exceed 20 mg/kg every 3 weeks in combination with Imjudoand platinum-based chemotherapy for 4 cycles, then Imfinzi 20 mg/kg every 4 weeks with histology-based pemetrexed maintenance therapy;
 - ii. For body weight \geq 30 kg, new dose does not exceed 1,500 mg every 3 weeks in combination with Imjudoand platinum based chemotherapy for 4 cycles, then 1,500 mg every 4 weeks with histology-based pemetrexed maintenance therapy;
 - c. For MIBC or resectable NSCLC (i and ii):
 - i. Neoadjuvant therapy (1 or 2):

- 1) For body weight < 30 kg: Dose does not exceed Imfinzi 20 mg/kg every 3 weeks in combination with chemotherapy for up to 4 cycles prior to surgery;
- 2) For body weight \geq 30 kg: Dose does not exceed Imfinzi 1,500 mg every 3 weeks in combination with chemotherapy for up to 4 cycles prior to surgery;
- ii. Adjuvant therapy (1 or 2):
 - 1) For body weight < 30 kg: Dose does not exceed 20 mg/kg every 4 weeks as a single agent for up to 12 cycles after surgery;
 - 2) For body weight \geq 30 kg: Dose does not exceed 1,500 mg every 4 weeks as a single agent for up to 12 cycles after surgery;
- d. For ES-SCLC (i or ii):
 - i. For body weight < 30 kg, new dose does not exceed 20 mg/kg every 3 weeks in combination with chemotherapy for 4 cycles, then 10 mg/kg every 2 weeks as a single agent;
 - ii. For body weight \geq 30 kg, new dose does not exceed 1,500 mg every 3 weeks in combination with chemotherapy for 4 cycles, and then 1,500 mg every 4 weeks as a single agent;
- e. For LS-SCLS (i or ii):
 - i. For body weight < 30 kg, dose does not exceed 20 mg/kg every 4 weeks;
 - ii. For body weight \geq 30 kg, dose does not exceed 1500 mg every 4 weeks;
- f. For BTC (i or ii):
 - i. For body weight < 30 kg, new dose does not exceed 20 mg/kg every 3 weeks in combination with chemotherapy, then 20 mg/kg every 4 weeks as a single agent;
 - ii. For body weight \geq 30 kg, new dose does not exceed 1,500 mg every 3 weeks in combination with chemotherapy, then 1,500 mg every 4 weeks as a single agent;
- g. For uHCC (i or ii):
 - i. For body weight < 30 kg, new dose does not exceed 20 mg/kg in combination with Imjudo, then 20mg/kg every 4 weeks;
 - ii. For body weight \geq 30 kg, new dose does not exceed, 1,500 mg in combination with Imjudo, then 1,500 mg every 4 weeks;
- h. For endometrial cancer (i or ii):
 - i. For body weight < 30 kg: New dose does not exceed 15 mg/kg every 3 weeks in combination with carboplatin and paclitaxel for 6 cycles, then 20 mg/kg every 4 weeks as a single agent;
 - ii. For body weight \geq 30 kg: New dose does not exceed 1,120 mg every 3 weeks in combination with carboplatin and paclitaxel for 6 cycles, then 1,500 mg every 4 weeks as a single agent;
- i. New dose is supported by practice guidelines or peer-reviewed literature for the relevant off-label use (*prescriber must submit supporting evidence*).

Approval duration:

Unresectable Stage II-III NSCLC: up to a total duration of 12 months

MIBC: up to a total of 12 cycles

Resectable NSCLC: up to a total of 16 cycles

LS-SCLC: up to a total duration of 24 months
All other indications: 12 months

B. Other diagnoses/indications:

1. Currently receiving medication via of PA Health & Wellness benefit and documentation supports positive response to therapy; or the Continuity of Care policy (PA.PHARM.01) applies.

Approval duration: Duration of request or 6 months (whichever is less); or

2. Refer to PA.CP.PMN.53.

III. Appendices/General Information

Appendix A: Abbreviation/Acronym Key

ALK: anaplastic lymphoma kinase

BTC: biliary tract cancer

dMMR: mismatch repair deficient

ES-SCLC: extensive-stage small cell lung cancer

EGFR: epidermal growth factor receptor

FDA: Food and Drug Administration

LS-SCLC: limited-stage small cell lung cancer

NECC: neuroendocrine carcinoma of the cervix

NSCLC: non-small cell lung cancer

PD-L1: programmed death-ligand

RT: radiotherapy

uHCC: unresectable hepatocellular carcinoma

Appendix B: Therapeutic Alternatives

This table provides a listing of preferred alternative therapy recommended in the approval criteria. The drugs listed here may not be a formulary agent and may require prior authorization.

Drug Name	Dosing Regimen	Dose Limit/ Maximum Dose
NSCLC (examples of concurrent platinum-containing/radiotherapy regimens)		
cisplatin, etoposide, RT	Varies	Varies
Carboplatin/cisplatin, pemetrexed, RT		
paclitaxel, carboplatin, RT		
LS-SCLC (regimen examples as included in the NCCN SCLC guidelines)		
cisplatin and etoposide	cisplatin and etoposide	cisplatin and etoposide
carboplatin and etoposide	carboplatin and etoposide	carboplatin and etoposide

Therapeutic alternatives are listed as Brand name® (generic) when the drug is available by brand name only and generic (Brand name®) when the drug is available by both brand and generic.

Appendix C: Contraindications/Boxed Warnings

None reported

Appendix D: General Information

- On February 22, 2021, AstraZeneca announced the voluntary withdrawal of the indication for Imfinzi for second-line treatment of locally advanced or metastatic bladder cancer. Imfinzi was approved for this indication under the accelerated pathway in 2017, based on study results that showed positive tumor response rates and duration of response. In its announcement, AstraZeneca pointed to results from the DANUBE confirmatory trial, in which Imfinzi failed to meet its key primary endpoint of overall survival.
- For NSCLC, actionable molecular biomarkers include EGFR, KRAS, ALK, ROS1, BRAF, NTRK1/2/3, MET, RET, NRG1 and ERBB2 (HER2). If there is insufficient tissue to allow testing for all of EGFR, KRAS, ALK, ROS1, BRAF, NTRK1/2/3, MET, RET, and ERBB2 (HER2), repeat biopsy and/or plasma testing should be done. If these are not feasible, treatment is guided by available results and, if unknown, these patients are treated as though they do not have driver oncogenes.
- Contraindications for treatment with PD-1/PD-L1 inhibitors may include active or previously documented autoimmune disease and/or current use of immunosuppressive agents, and some oncogenic drivers (i.e., EGFR exon 19 deletion or exon 21 L858R mutation, ALK, RET, or ROS1 rearrangements) have been shown to be associated with less benefit from PD-1/PD-L1 inhibitors.
- SCLC stage definitions per NCCN:
 - Limited stage: Stage I-III (T any, N any, M0) that can be safely treated with definitive radiation doses. Excludes T3-4 due to multiple lung nodules that are too extensive or have tumor/nodal volume that is too large to be encompassed in a tolerable radiation plan
 - Extensive stage: Stage IV (T any, N any, M 1a/b/c), or T3-4 due to multiple lung nodules that are too extensive or have tumor/nodal volume that is too large to be encompassed in a tolerable radiation plan

Appendix E: Recommended Combination Regimens for Metastatic NSCLC

Tumor Histology	Patient Weight	Imfinzi Dosage	Tremelimumab-actl Dosage	Platinum-based Chemotherapy Regimen
Non-Squamous	≥ 30 kg	1,500 mg	75 mg	carboplatin & nab-paclitaxel OR
	< 30 kg	20 mg/kg	1 mg/kg	carboplatin or cisplatin & pemetrexed
Squamous	≥ 30 kg	1,500 mg	75 mg	carboplatin & nab-paclitaxel OR
	< 30 kg	20 mg/kg	1 mg/kg	carboplatin or cisplatin & gemcitabine

IV. Dosage and Administration

Indication	Dosing Regimen	Maximum Dose
NSCLC	<u>Unresectable Stage III:</u> <ul style="list-style-type: none"> Weight ≥ 30 kg: 10 mg/kg IV every 2 weeks or 1,500 mg every 4 weeks Weight < 30 kg: 10 mg/kg IV every 2 weeks 	Stage III See regimen; maximum

Indication	Dosing Regimen	Maximum Dose
	<p><u>Metastatic:</u></p> <ul style="list-style-type: none"> Weight \geq 30 kg: 1,500 mg every 3 weeks in combination with Imjudo75 mg and platinum-based chemotherapy for 4 cycles, and then administer Imfinzi 1,500 mg every 4 weeks as a single agent with histology-based pemetrexed maintenance therapy every 4 weeks, and a fifth dose of Imjudo75 mg in combination with Imfinzi dose 6 at week 16* Weight < 30 kg: 20 mg/kg every 3 weeks in combination with Imjudo1 mg/kg and platinum-based chemotherapy, and then administer Imfinzi 20 mg/kg every 4 weeks as a single agent with histology-based pemetrexed therapy every 4 weeks, and a fifth dose of Imjudo1 mg/kg in combination with Imfinzi dose 6 at week 16* <p><u>Resectable:</u></p> <ul style="list-style-type: none"> Neoadjuvant therapy: <ul style="list-style-type: none"> Weight < 30 kg: 20 mg/kg every 3 weeks in combination with platinum-based chemotherapy for up to 4 cycles prior to surgery Weight \geq 30 kg: 1,500 mg every 3 weeks in combination with platinum-based chemotherapy for up to 4 cycles prior to surgery Adjuvant therapy: <ul style="list-style-type: none"> Weight < 30 kg: 20 mg/kg every 4 weeks as a single agent for up to 12 cycles after surgery Weight \geq 30 kg: 1,500 mg every 4 weeks as a single agent for up to 12 cycles after surgery 	<p>duration of 12 months</p> <p>Metastatic: See regimen</p> <p>Resectable: See regimen; maximum duration of 12 cycles after surgery</p>
ES-SCLC	<ul style="list-style-type: none"> Weight \geq 30 kg: 1,500 mg IV in combination with chemotherapy † every 3 weeks (21 days) for 4 cycles, followed by 1,500 mg every 4 weeks as a single agent Weight < 30 kg: 20 mg/kg IV in combination with chemotherapy* every 3 weeks (21 days) for 4 cycles, following by 10 mg/kg every 2 weeks as a single agent 	See regimen
BTC	<ul style="list-style-type: none"> Weight \geq 30 kg: 1,500 mg IV every 3 weeks in combination with chemotherapy †, then 1,500 mg every 4 weeks as a single agent 	See regimen

Indication	Dosing Regimen	Maximum Dose
	<ul style="list-style-type: none"> Weight < 30 kg: 20 mg/kg IV every 3 weeks in combination with chemotherapy †, then 20 mg/kg every 4 weeks as a single agent 	
uHCC	<ul style="list-style-type: none"> Weight ≥ 30 kg: Imfinzi 1,500 mg in combination with Imjudo 300 mg as a single dose at Cycle 1/Day 1, followed by Imfinzi as a single agent every 4 weeks Weight < 30 kg: Imfinzi 20 mg/kg in combination with Imjudo 4 mg/kg as a single dose at Cycle 1/Day 1, followed by Imfinzi as a single agent every 4 weeks 	See regimen
Endometrial cancer	<ul style="list-style-type: none"> Weight < 30 kg: 15 mg/kg IV every 3 weeks in combination with carboplatin and paclitaxel for 6 cycles, then 20 mg/kg every 4 weeks as a single agent Weight ≥ 30 kg: 1,120 mg IV every 3 weeks in combination with carboplatin and paclitaxel for 6 cycles, then 1,500 mg every 4 weeks as a single agent 	See regimen

* Optional pemetrexed therapy may be initiated from week 12 until disease progression or intolerable toxicity for patients with nonsquamous disease who received treatment with pemetrexed and carboplatin/cisplatin.

† Administer Imfinzi prior to chemotherapy on the same day. Refer to the Prescribing Information for the agent administered in combination with Imfinzi for recommended dosage information, as appropriate. *[For ES-SCLC, see also Appendix B. Therapeutic Alternatives for NCCN regimens as carboplatin, cisplatin, and etoposide are off-label for this indication.]*

V. Product Availability

Single-dose vials: 120 mg/2.4 mL, 500 mg/10 mL

VI. References

1. Imfinzi Prescribing Information. Wilmington, DE: AstraZeneca Pharmaceuticals LP; February 2025. Available at: <https://www.imfinzi.com>. Accessed March 6, 2025.
2. National Comprehensive Cancer Network Drugs and Biologics Compendium. Available at: http://www.nccn.org/professionals/drug_compendium. Accessed February 5, 2025.
3. National Comprehensive Cancer Network. Non-Small Cell Lung Cancer Version 3.2025. Available at: https://www.nccn.org/professionals/physician_gls/pdf/nscl.pdf. Accessed February 5, 2025.
4. National Comprehensive Cancer Network. Small Cell Lung Cancer Version 4.2025. Available at: https://www.nccn.org/professionals/physician_gls/pdf/sclc.pdf. Accessed February 5, 2025.
5. National Comprehensive Cancer Network. Hepatocellular Carcinoma Version 4.2024. Available at: https://www.nccn.org/professionals/physician_gls/pdf/hcc.pdf. Accessed February 5, 2025.

6. National Comprehensive Cancer Network. Biliary Tract Cancers Version 6.2024. Available at: https://www.nccn.org/professionals/physician_gls/pdf/btc.pdf. Accessed February 5, 2025.

Coding Implications

Codes referenced in this clinical policy are for informational purposes only. Inclusion or exclusion of any codes does not guarantee coverage. Providers should reference the most up-to-date sources of professional coding guidance prior to the submission of claims for reimbursement of covered services.

HCPCS Codes	Description
J9173	Injection, durvalumab, 10 mg

Reviews, Revisions, and Approvals	Date
2Q 2018 annual review: added new FDA indication for NSCLC; references reviewed and updated.	02/2018
2Q 2019 annual review: references reviewed and updated.	04/2019
2Q 2020 annual review: UC stage III added to encompass NCCN recommended use for locally advanced disease; NCCN recommended use for SCLC added; references reviewed and updated.	04/2020
2Q 2021 annual review: removed criteria for bladder cancer as the FDA labeled indication was withdrawn by the manufacturer based on confirmatory trial results; added coverage for stage II NSCLC per NCCN 2A recommendation; revised dosing for all indications per updated FDA label; references reviewed and updated.	04/2021
2Q 2022 annual review: per prescribing information, for continued therapy, added the following requirement to reemphasize the NSCLC approval duration: “For NSCLC requests, member has not received more than 12 months of Imfinzi therapy”; updated HCPCS code; references reviewed and updated.	04/2022
RT4: added criteria for new FDA approved indication of BTC; for NSCLC and ES-SCLC added age ≥ 18 years to be consistent with prescribing information; added criteria for newly FDA-approved indications for metastatic NSCLC and HCC.	01/2023
2Q 2023 annual review: for NSCLC per NCCN Compendium added recurrent or advanced disease and additional actionable molecular biomarkers that could be negative for use in combination with Imjudo and platinum therapy, added off-label continuation maintenance therapy; added off-label use for cervical cancer; clarified maximum 12 month continued approval duration applies only to stage II-III NSCLC; RT4: added criteria for newly FDA-approved indication of dMMR endometrial cancer; references reviewed and updated.	04/2023
2Q 2024 annual review: per NCCN – for NSCLC, added recommended uses when actionable molecular biomarkers are present; for BTC, added resected gross residual (R2) disease; added off-label uses for gastric, esophageal,	04/2024

Reviews, Revisions, and Approvals	Date
esophagogastric junction, and ampullary adenocarcinoma; for all indications, added redirection to generic if available; RT4: added criteria for newly FDA-approved indication of dMMR endometrial cancer; references reviewed and updated.	
RT4: added criteria for newly FDA-approved indication for use as neoadjuvant/adjuvant therapy in resectable NSCLC and LS-SCLS	09/2024
2Q 2025 annual review: per NCCN – for NSCLC, added that Imfinzi must be prescribed as a single agent and that disease does not have EGFR exon 19 deletion or exon 21 L858R mutation if stage II-III; added use as first-line therapy for NRG1 gene fusion positive tumors; removed use as subsequent therapy for EGFR exon 19 deletion, exon 21 deletion, exon 21 L858R tumors, ALK1 rearrangement, and ROS1 rearrangement positive tumors; for HCC; added additional qualifier of extrahepatic; for endometrial cancer, added additional qualifiers of metastatic, stage III, and stage IV; for cervical cancer, added that Imfinzi can be used as a single agent for maintenance therapy following combination use; for ampullary adenocarcinoma, removed qualifiers of unresectable localized and stage IV resected; for BTC, added “with curative intent” for recurrent definition to align with NCCN compendium wording; RT4: updated FDA approved indication for dMMR endometrial cancer to include FDA approved testing language; references reviewed and updated. RT4: added criteria for newly FDA-approved indication of MIBC; under continued approval duration, revised maximum number of cycles for resectable NSCLC from 12 to 16 to include neoadjuvant treatment.	04/2025