HIGHLIGHTS OF PRESCRIBING INFORMATION

These highlights do not include all the information needed to use TECENTRIQ safely and effectively. See full prescribing information for TECENTRIQ.

TECENTRIQ TM (atezolizumab) injection, for intravenous use Initial U.S. Approval: 2016

-INDICATIONS AND USAGE-

TECENTRIQ is a programmed death-ligand 1 (PD-L1) blocking antibody indicated for the treatment of patients with locally advanced or metastatic urothelial carcinoma who:

- •Have disease progression during or following platinum-containing chemotherapy (1)
- Have disease progression within 12 months of neoadjuvant or adjuvant treatment with platinum-containing chemotherapy (1)

This indication is approved under accelerated approval based on tumor response rate and duration of response. Continued approval for this indication may be contingent upon verification and description of clinical benefit in confirmatory trials. (1, 14)

-DOSAGE AND ADMINISTRATION-

- Administer 1200 mg as an intravenous infusion over 60 minutes every 3 weeks. (2.1)
- Dilute prior to intravenous infusion. (2.3)

——DOSAGE FORMS AND STRENGTHS——

Injection: 1200 mg/20 mL (60 mg/mL) solution in a single-dose vial (3)

—CONTRAINDICATIONS—

None. (4)

-WARNINGS AND PRECAUTIONS-

- Immune-Related Pneumonitis: Withhold for moderate and permanently discontinue for severe or life-threatening pneumonitis. (5.1)
- Immune-Related Hepatitis: Monitor for changes in liver function. Withhold for moderate and permanently discontinue for severe or lifethreatening transaminase or total bilirubin elevation. (5.2)

- Immune-Related Colitis: Withhold for moderate or severe, and permanently discontinue for life-threatening colitis. (5.3)
- Immune-Related Endocrinopathies (5.4):
 - Hypophysitis: Withhold for moderate or severe and permanently discontinue for life-threatening hypophysitis.
 - Thyroid Disorders: Monitor for changes in thyroid function.
 Withhold for symptomatic thyroid disease.
 - o Adrenal Insufficiency: Withhold for symptomatic adrenal insufficiency.
 - Type 1 Diabetes Mellitus: Withhold for ≥ Grade 3 hyperglycemia.
- Immune-Related Myasthenic Syndrome/Myasthenia Gravis, Guillain-Barré or Meningoencephalitis: Permanently discontinue for any grade. (5.5)
- Ocular Inflammatory Toxicity: Withhold for moderate and permanently discontinue for severe ocular inflammatory toxicity (5.5)
- Immune-Related Pancreatitis: Withhold for moderate or severe, and permanently discontinue for life-threatening pancreatitis, or any grade of recurring pancreatitis. (5.5)
- Infection: Withhold for severe or life-threatening infection. (5.6)
- Infusion Reaction: Interrupt or slow the rate of infusion for mild or moderate infusion reactions and discontinue for severe or lifethreatening infusion reactions. (5.7)
- Embryo-Fetal Toxicity: TECENTRIQ can cause fetal harm. Advise females of reproductive potential of the potential risk to a fetus and use of effective contraception. (5.8, 8.1, 8.3)

-ADVERSE REACTIONS-

Most common adverse reactions (\geq 20% of patients) included: fatigue, decreased appetite, nausea, urinary tract infection, pyrexia, and constipation, (6.1)

To report SUSPECTED ADVERSE REACTIONS, contact Genentech at 1-888-835-2555 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

USE IN SPECIFIC POPULATIONS

Lactation: Advise not to breastfeed. (8.2)

See 17 for PATIENT COUNSELING INFORMATION.

Revised: {insert date M/YYYY}

FULL PRESCRIBING INFORMATION: CONTENTS*

- 1 INDICATIONS AND USAGE
- DOSAGE AND ADMINISTRATION
- 2.1 Recommended Dosing
- 2.2 Dose Modifications
- 2.3 Preparation and Administration
- 3 DOSAGE FORMS AND STRENGTHS
- 4 CONTRAINDICATIONS
- 5 WARNINGS AND PRECAUTIONS
 - 5.1 Immune-Related Pneumonitis
 - 5.2 Immune-Related Hepatitis
 - 5.3 Immune-Related Colitis
 - 5.4 Immune-Related Endocrinopathies
 - 5.5 Other Immune-Related Adverse Reactions
 - 5.6 Infection
 - 5.7 Infusion-Related Reactions
 - 5.8 Embryo-Fetal Toxicity
- 6 ADVERSE REACTIONS
 - 6.1 Clinical Trials Experience
 - 6.2 Immunogenicity

8 USE IN SPECIFIC POPULATIONS

- 8.1 Pregnancy
- 8.2 Lactation
- 8.3 Females and Males of Reproductive Potential
- 8.4 Pediatric Use
- 8.5 Geriatric Use
- 8.6 Renal Impairment
- 8.7 Hepatic Impairment
- 10 OVERDOSAGE
- 11 DESCRIPTION
- 12 CLINICAL PHARMACOLOGY
 - 12.1 Mechanism of Action
 - 12.3 Pharmacokinetics

13 NONCLINICAL TOXICOLOGY

- 13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility
- 13.2 Animal Toxicology and/or Pharmacology
- 14 CLINICAL STUDIES
 - 14.1 Urothelial Carcinoma
- 16 HOW SUPPLIED/STORAGE AND HANDLING
- 17 PATIENT COUNSELING INFORMATION
- * Sections or subsections omitted from the full prescribing information are not listed.

FULL PRESCRIBING INFORMATION

2 1 INDICATIONS AND USAGE

1

5

25

26

- 3 TECENTRIQ (atezolizumab) is indicated for the treatment of patients with locally advanced or
- 4 metastatic urothelial carcinoma who:
 - Have disease progression during or following platinum-containing chemotherapy
- Have disease progression within 12 months of neoadjuvant or adjuvant treatment with
 platinum-containing chemotherapy
- 8 This indication is approved under accelerated approval based on tumor response rate and
- 9 durability of response. Continued approval for this indication may be contingent upon
- verification and description of clinical benefit in confirmatory trials [see Clinical Studies (14.1)].

11 2 DOSAGE AND ADMINISTRATION

12 **2.1 Recommended Dosing**

- 13 The recommended dose of TECENTRIQ is 1200 mg administered as an intravenous infusion
- over 60 minutes every 3 weeks until disease progression or unacceptable toxicity. If the first
- infusion is tolerated, all subsequent infusions may be delivered over 30 minutes. Do not
- administer TECENTRIQ as an intravenous push or bolus.

17 **2.2 Dose Modifications**

- 18 No dose reductions of TECENTRIQ are recommended.
- 19 Withhold TECENTRIQ for any of the following:
- Grade 2 pneumonitis [see Warnings and Precautions (5.1)]
- Aspartate aminotransferase (AST) or alanine aminotransferase (ALT) greater than 3 and up to 5 times upper limit of normal (ULN) or total bilirubin greater than 1.5 and up to 3 times ULN [see Warnings and Precautions (5.2)]
- Grade 2 or 3 diarrhea or colitis [see Warnings and Precautions (5.3)]
 - Symptomatic hypophysitis, adrenal insufficiency, hypothyroidism, hyperthyroidism, or Grade 3 or 4 hyperglycemia [see Warnings and Precautions (5.4)]
- Grade 2 ocular inflammatory toxicity [see Warnings and Precautions (5.5)]
- Grade 2 or 3 pancreatitis, or Grade 3 or 4 increases in amylase or lipase levels (greater than 2.0 times ULN) [see Warnings and Precautions (5.5)]
- Grade 3 or 4 infection [see Warnings and Precautions (5.6)]
- Grade 2 infusion-related reactions [see Warnings and Precautions (5.7)]
- Grade 3 rash
- 33 TECENTRIQ may be resumed in patients whose adverse reactions recover to Grade 0–1.
- 34 Permanently discontinue TECENTRIQ for any of the following:
- Grade 3 or 4 pneumonitis [see Warnings and Precautions (5.1)]
- AST or ALT greater than 5 times ULN or total bilirubin greater than 3 times ULN [see Warnings and Precautions (5.2)]
- Grade 4 diarrhea or colitis [see Warnings and Precautions (5.3)]
- Grade 4 hypophysitis

U.S. BLA 761034 Amendment: Atezolizumab—Genentech, Inc.

- Myasthenic syndrome/myasthenia gravis, Guillain-Barré or meningoencephalitis (all grades) [see Warnings and Precautions (5.5)]
- Grade 3 or 4 ocular inflammatory toxicity [see Warnings and Precautions (5.5)]
- Grade 4 or any grade of recurrent pancreatitis [see Warnings and Precautions (5.5)]
- Grade 3 or 4 infusion-related reactions [see Warnings and Precautions (5.7)]
- Grade 4 rash

46 **2.3 Preparation and Administration**

47 **Preparation**

- 48 Visually inspect drug product for particulate matter and discoloration prior to administration
- 49 whenever solution and container permit. TECENTRIQ is a colorless to slightly yellow solution.
- Discard the vial if the solution is cloudy, discolored, or visible particles are observed. Do not
- 51 shake the vial.
- 52 Prepare the solution for infusion as follows:
- Withdraw 20 mL of TECENTRIQ from the vial.
- Dilute into a 250 mL polyvinyl chloride (PVC), polyethylene (PE), or polyolefin (PO) infusion bag containing 0.9% Sodium Chloride Injection, USP.
- Dilute with 0.9% Sodium Chloride Injection only.
- Mix diluted solution by gentle inversion. Do not shake.
- Discard partially used or empty vials of TECENTRIQ.

59 **Storage of Infusion Solution**

- This product does not contain a preservative.
- Administer immediately once prepared. If diluted TECENTRIQ infusion solution is not used
- 62 immediately, it can be stored either:
 - At room temperature for no more than 6 hours from the time of preparation. This includes room temperature storage of the infusion in the infusion bag and time for administration for infusion.
 - Under refrigeration at 2°C–8°C (36°F–46°F) for no more than 24 hours.
- Do not freeze.

63

64

65

66

68 Do not shake.

69 Administration

- Administer the initial infusion over 60 minutes through an intravenous line with or without a
- sterile, non-pyrogenic, low-protein binding in-line filter (pore size of 0.2–0.22 micron). If the
- first infusion is tolerated, all subsequent infusions may be delivered over 30 minutes.
- 73 Do not co-administer other drugs through the same intravenous line.

74 3 DOSAGE FORMS AND STRENGTHS

75 Injection: 1200 mg/20 mL (60 mg/mL) colorless to slightly yellow solution in a single-dose vial.

76 4 CONTRAINDICATIONS

77 None.

U.S. BLA 761034 Amendment: Atezolizumab—Genentech, Inc.

78 5 WARNINGS AND PRECAUTIONS

5.1 Immune-Related Pneumonitis

- 80 Immune-mediated pneumonitis or interstitial lung disease, defined as requiring use of
- 81 corticosteroids and with no clear alternate etiology, occurred in patients receiving TECENTRIQ.
- Across clinical trials, 2.6% (51/1978) of patients developed pneumonitis. Fatal pneumonitis
- occurred in two patients. In 523 patients with urothelial carcinoma who received TECENTRIQ,
- pneumonitis occurred in 6(1.1%) patients. Of these patients, there was one patient with fatal
- pneumonitis, one patient with Grade 3, three patients with Grade 2, and one patient with Grade 1
- 86 pneumonitis. TECENTRIQ was held in all cases and five patients were treated with
- 87 corticosteroids. Pneumonitis resolved in three patients. The median time to onset was
- 88 2.6 months (range: 15 days to 4.2 months). The median duration was 15 days (range: 6 days to
- 3.1 + months).

79

95

- 90 Monitor patients for signs with radiographic imaging and symptoms of pneumonitis. Administer
- steroids at a dose of 1 to 2 mg/kg/day prednisone equivalents for Grade 2 or greater pneumonitis,
- 92 followed by corticosteroid taper. Withhold TECENTRIQ until resolution for Grade 2
- 93 pneumonitis. Permanently discontinue TECENTRIQ for Grade 3 or 4 pneumonitis [see Dosage
- 94 and Administration (2.2)].

5.2 Immune-Related Hepatitis

- 96 Immune-mediated hepatitis, defined as requiring use of corticosteroids and with no clear
- 97 alternate etiology, occurred in patients receiving TECENTRIQ. Liver test abnormalities
- 98 occurred in patients who received TECENTRIQ. Across clinical trials (n=1978), Grade 3 or 4
- elevation occurred in ALT (2.5%), AST (2.3%), and total bilirubin (1.6%). In patients with
- urothelial carcinoma (n=523) Grade 3 or 4 elevation occurred in ALT (2.5%), AST (2.5%), and
- total bilirubin (2.1%). Immune-mediated hepatitis occurred in 1.3% of patients. Of these cases,
- one patient died from hepatitis, five patients had Grade 3, and one patient had Grade 2 hepatitis.
- The median time to onset was 1.1 months (range: 0.4 to 7.7 months). Of the seven patients with
- immune-mediated hepatitis, TECENTRIQ was temporarily interrupted in four patients; none of
- these patients developed recurrence of hepatitis after resuming TECENTRIQ.
- Monitor patients for signs and symptoms of hepatitis. Monitor AST, ALT, and bilirubin prior to
- and periodically during treatment with TECENTRIQ. Administer corticosteroids at a dose of 1-2
- mg/kg/day prednisone equivalents for Grade 2 or greater transaminase elevations, with or
- without concomitant elevation in total bilirubin, followed by corticosteroid taper. Withhold
- 110 TECENTRIQ for Grade 2 and permanently discontinue TECENTRIQ for Grade 3 or 4 immune-
- mediated hepatitis [see Dosage and Administration (2.2) and Adverse Reactions (6.1)].

112 5.3 Immune-Related Colitis

- 113 Immune-mediated colitis or diarrhea, defined as requiring use of corticosteroids and with no
- clear alternate etiology, occurred in patients receiving TECENTRIQ. Across clinical trials,
- 115 colitis or diarrhea occurred in 19.7% (389/1978) of all patients and in 18.7% (98/523) of patients
- with urothelial carcinoma. Ten patients (1.9%) developed Grade 3 or 4 diarrhea. Four patients
- (0.8%) had immune-mediated colitis or diarrhea with a median time to onset of 1.7 months
- 118 (range: 1.1 to 3.1 months). Immune-mediated colitis resolved with corticosteroid administration
- in three of these patients, while the other patient died without resolution of colitis in the setting
- of diarrhea-associated renal failure.
- Monitor patients for signs and symptoms of diarrhea or colitis. Withhold treatment with
- 122 TECENTRIQ for Grade 2 diarrhea or colitis. If symptoms persist for longer than 5 days or
- recur, administer 1–2 mg/kg prednisone or equivalent per day. Withhold treatment with
- 124 TECENTRIQ for Grade 3 diarrhea or colitis. Treat with IV methylprednisolone 1–2 mg/kg per

U.S. BLA 761034 Amendment: Atezolizumab—Genentech, Inc.

- day and convert to oral steroids once the patient has improved. For both Grade 2 and Grade 3
- diarrhea or colitis, when symptoms improve to Grade 0 or Grade 1, taper steroids over
- 127 \geq 1 month. Resume treatment with TECENTRIQ if the event improves to Grade 0 or 1 within
- 128 12 weeks and corticosteroids have been reduced to the equivalent of ≤ 10 mg oral prednisone per
- day. Permanently discontinue TECENTRIQ for Grade 4 diarrhea or colitis [see Dosage and
- 130 Administration (2.2) and Adverse Reactions (6.1)].

131 5.4 Immune-Related Endocrinopathies

- 132 Immune-related thyroid disorders, adrenal insufficiency, hypophysitis, and type 1 diabetes
- mellitus, including diabetic ketoacidosis, have occurred in patients receiving TECENTRIQ.
- Monitor patients for clinical signs and symptoms of endocrinopathies.

135 Hypophysitis

- Hypophysitis occurred in 0.2% (1/523) of patients with urothelial cancer receiving
- 137 TECENTRIQ. Monitor for signs and symptoms of hypophysitis. Administer corticosteroids and
- hormone replacement as clinically indicated. Withhold TECENTRIQ for Grade 2 or Grade 3
- and permanently discontinue for Grade 4 hypophysitis [see Dosage and Administration (2.2) and
- 140 Adverse Reactions (6.1)].

141 Thyroid Disorders

- 142 Thyroid function was assessed routinely only at baseline and the end of the study. Across
- clinical trials, hypothyroidism occurred in 3.9% (77/1978) of patients and in 2.5% (13/523) of
- patients with urothelial carcinoma. One patient had Grade 3 and twelve patients had Grade 1–2
- 145 hypothyroidism. The median time to first onset was 5.4 months (range: 21 days to 11.3 months).
- 146 Thyroid stimulating hormone (TSH) was elevated and above the patient's baseline in 16%
- 147 (21/131) of patients with a follow-up measurement.
- 148 Hyperthyroidism occurred in 1.0% (20/1978) of patients across clinical trials and in 0.6%
- 149 (3/523) of patients with urothelial carcinoma. Of the three urothelial carcinoma patients,
- one patient had Grade 2 and two patients had Grade 1 hyperthyroidism. The median time to
- onset was 3.2 months (range: 1.4 to 5.8 months). TSH was decreased and below the patient's
- baseline in 3.8% (5/131) of patients with a follow-up measurement.
- 153 Monitor thyroid function prior to and periodically during treatment with TECENTRIQ.
- Asymptomatic patients with abnormal thyroid function tests can receive TECENTRIQ. For
- symptomatic hypothyroidism, withhold TECENTRIO and initiate thyroid hormone replacement
- as needed. Manage isolated hypothyroidism with replacement therapy and without
- 157 corticosteroids. For symptomatic hyperthyroidism, withhold TECENTRIQ and initiate an anti-
- thyroid drug as needed. Resume treatment with TECENTRIQ when symptoms of
- hypothyroidism or hyperthyroidism are controlled and thyroid function is improving [see
- 160 *Dosage and Administration* (2.2) *and Adverse Reactions* (6.1)].

161 Adrenal Insufficiency

- Adrenal insufficiency occurred in 0.4% (7/1978) of patients across clinical trials, including two
- patients with Grade 3, four patients with Grade 2, and one patient with Grade 1. Adrenal
- insufficiency resolved in two patients.
- 165 For symptomatic adrenal insufficiency, withhold TECENTRIQ and administer
- methylprednisolone 1–2 mg/kg per day IV followed by oral prednisone 1–2 mg/kg per day or
- 167 equivalent once symptoms improve. Start steroid taper when symptoms improve to \leq Grade 1
- and taper steroids over ≥ 1 month. Resume treatment with TECENTRIQ if the event improves
- to \leq Grade 1 within 12 weeks and corticosteroids have been reduced to the equivalent of \leq 10 mg

U.S. BLA 761034 Amendment: Atezolizumab—Genentech, Inc.

- oral prednisone per day and the patient is stable on replacement therapy, if required [see Dosage
- and Administration (2.2) and Adverse Reactions (6.1)].
- 172 Diabetes Mellitus
- New onset diabetes with ketoacidosis has occurred in patients receiving TECENTRIQ. Diabetes
- mellitus without an alternative etiology occurred in one (0.2%) patient with urothelial carcinoma.
- 175 Initiate treatment with insulin for type 1 diabetes mellitus. For ≥ Grade 3 hyperglycemia (fasting
- glucose >250–500 mg/dL), withhold TECENTRIQ. Resume treatment with TECENTRIQ when
- metabolic control is achieved on insulin replacement therapy [see Dosage and Administration
- 178 *(2.2) and Adverse Reactions (6.1)*].

179 5.5 Other Immune-Related Adverse Reactions

- 180 Other immune-related adverse reactions including meningoencephalitis, myasthenic
- 181 syndrome/myasthenia gravis, Guillain-Barré, ocular inflammatory toxicity, and pancreatitis,
- including increases in serum amylase and lipase levels, have occurred in $\leq 1.0\%$ of patients
- treated with TECENTRIO.
- 184 Meningitis / Encephalitis
- 185 Monitor patients for clinical signs and symptoms of meningitis or encephalitis. Permanently
- discontinue TECENTRIO for any grade of meningitis or encephalitis. Treat with IV steroids (1–
- 187 2 mg/kg/day methylprednisolone or equivalent) and convert to oral steroids (prednisone
- 188 60 mg/day or equivalent) once the patient has improved. When symptoms improve to \leq Grade 1,
- taper steroids over ≥ 1 month [see Dosage and Administration (2.2) and Adverse Reactions
- 190 (6.1)].
- 191 Motor and Sensory Neuropathy
- Monitor patients for symptoms of motor and sensory neuropathy. Permanently discontinue
- 193 TECENTRIQ for any grade of myasthenic syndrome/myasthenia gravis or Guillain-Barré
- 194 syndrome. Institute medical intervention as appropriate. Consider initiation of systemic
- 195 corticosteroids at a dose of 1–2 mg/kg/day prednisone [see Dosage and Administration (2.2) and
- 196 Adverse Reactions (6.1)].
- 197 Pancreatitis
- 198 Symptomatic pancreatitis without an alternative etiology occurred in 0.1% (2/1978) of patients
- across clinical trials. Monitor patients for signs and symptoms of acute pancreatitis. Withhold
- TECENTRIQ for \geq Grade 3 serum amylase or lipase levels (> 2.0 ULN), or Grade 2 or 3
- 201 pancreatitis. Treat with 1–2 mg/kg IV methylprednisolone or equivalent per day. Once
- symptoms improve, follow with 1–2 mg/kg of oral prednisone or equivalent per day. Resume
- 203 treatment with TECENTRIO if serum amylase and lipase levels improve to < Grade 1 within 12
- weeks, symptoms of pancreatitis have resolved, and corticosteroids have been reduced to ≤ 10
- 205 mg oral prednisone or equivalent per day. Permanently discontinue TECENTRIQ for Grade 4 or
- any grade of recurrent pancreatitis [see Dosage and Administration (2.2) and Adverse Reactions
- 207 (6.1)].
- **208 5.6 Infection**
- 209 Severe infections, including sepsis, herpes encephalitis, and mycobacterial infection leading to
- 210 retroperitoneal hemorrhage occurred in patients receiving TECENTRIQ. Across clinical trials,
- infections occurred in 38.4% (759/1978) of patients. In 523 patients with urothelial carcinoma
- 212 who received TECENTRIO, infection occurred in 197 (37.7%) patients. Grade 3 or 4 infection
- occurred in 60 (11.5%) patients, while three patients died due to infections. Urinary tract

U.S. BLA 761034 Amendment: Atezolizumab—Genentech, Inc.

- 214 infections were the most common cause of Grade 3 or higher infection, occurring in 37 (7.1%)
- 215 patients.
- In a randomized trial in patients with non-small cell lung cancer, infections were more common
- in patients treated with TECENTRIQ (42%) compared with those treated with docetaxel (33%).
- Grade 3 or 4 infections occurred in 9.2% of patients treated with TECENTRIQ compared with
- 2.2% in patients treated with docetaxel. One patient (0.7%) treated with TECENTRIQ died due
- 220 to infection, compared to two patients (1.5%) treated with docetaxel. Pneumonia was the most
- common cause of Grade 3 or higher infection, occurring in 6.3% of patients treated with
- 222 TECENTRIQ.
- 223 Monitor patients for signs and symptoms of infection and treat with antibiotics for suspected or
- 224 confirmed bacterial infections. Withhold TECENTRIQ for ≥ Grade 3 infection [see Dosage and
- 225 Administration (2.2) and Adverse Reactions (6.1)].

226 **5.7 Infusion-Related Reactions**

- Severe infusion reactions have occurred in patients in clinical trials of TECENTRIO. Infusion-
- related reactions occurred in 1.3% (25/1978) of patients across clinical trials and in 1.7% (9/523)
- of patients with urothelial carcinoma. Interrupt or slow the rate of infusion in patients with mild
- or moderate infusion reactions. Permanently discontinue TECENTRIQ in patients with Grade 3
- or 4 infusion reactions [see Dosage and Administration (2.2) and Adverse Reactions (6.1)].

232 **5.8** Embryo-Fetal Toxicity

- 233 Based on its mechanism of action, TECENTRIQ can cause fetal harm when administered to a
- pregnant woman. Animal studies have demonstrated that inhibition of the PD-L1/PD-1 pathway
- can lead to increased risk of immune-related rejection of the developing fetus resulting in fetal
- 236 death. If this drug is used during pregnancy, or if the patient becomes pregnant while taking this
- drug, advise the patient of the potential risk to a fetus. Advise females of reproductive potential
- 238 to use effective contraception during treatment with TECENTRIQ and for at least 5 months after
- the last dose [see Use in Specific Populations (8.1, 8.3)].

240 **6 ADVERSE REACTIONS**

- 241 The following adverse reactions are discussed in greater detail in other sections of the label:
- Immune-Related Pneumonitis [see Warnings and Precautions (5.1)]
- Immune-Related Hepatitis [see Warnings and Precautions (5.2)]
- Immune-Related Colitis [see Warnings and Precautions (5.3)]
- Immune-Related Endocrinopathies [see Warnings and Precautions (5.4)]
- Other Immune-Related Adverse Reactions [see Warnings and Precautions (5.5)]
- Infection [see Warnings and Precautions (5.6)]
- Infusion-Related Reactions [see Warnings and Precautions (5.7)]

249 **6.1 Clinical Trials Experience**

- 250 Because clinical trials are conducted under widely varying conditions, adverse reaction rates
- observed in the clinical trials of a drug cannot be directly compared to rates in the clinical trials
- of another drug and may not reflect the rates observed in practice.
- 253 The data described in Table 1 reflects exposure to TECENTRIQ in Cohort 2 of Study 1. This
- 254 cohort enrolled 310 patients in a single arm trial with locally advanced or metastatic urothelial
- 255 carcinoma who had disease progression during or following at least one platinum-containing

U.S. BLA 761034 Amendment: Atezolizumab—Genentech, Inc.

- chemotherapy regimen or who had disease progression within 12 months of treatment with a
- 257 platinum-containing neoadjuvant or adjuvant chemotherapy regimen [see Clinical Studies
- 258 (14.1)]. Patients received 1200 mg of TECENTRIQ intravenously every 3 weeks until
- 259 unacceptable toxicity or either radiographic or clinical progression. The median duration of
- 260 exposure was 12.3 weeks (range: 0.1, 46 weeks).
- The most common adverse reactions ($\geq 20\%$) were fatigue (52%), decreased appetite (26%),
- nausea (25%), urinary tract infection (22%), pyrexia (21%), and constipation (21%). The most
- 263 common Grade 3–4 adverse reactions ($\geq 2\%$) were urinary tract infection, anemia, fatigue,
- dehydration, intestinal obstruction, urinary obstruction, hematuria, dyspnea, acute kidney injury,
- abdominal pain, venous thromboembolism, sepsis, and pneumonia.
- 266 Three patients (0.9%) who were treated with TECENTRIQ experienced either sepsis,
- 267 pneumonitis, or intestinal obstruction which led to death. TECENTRIQ was discontinued for
- adverse reactions in 3.2% (10/310) of the 310 patients. Sepsis led to discontinuation in 0.6%
- 269 (2/310) of patients. Adverse reactions leading to interruption of TECENTRIQ occurred in 27%
- of patients; the most common (> 1%) were liver enzyme increase, urinary tract infection,
- diarrhea, fatigue, confusional state, urinary obstruction, pyrexia, dyspnea, venous
- 272 thromboembolism, and pneumonitis. Serious adverse reactions occurred in 45% of patients. The
- 273 most frequent serious adverse reactions (> 2%) were urinary tract infection, hematuria, acute
- kidney injury, intestinal obstruction, pyrexia, venous thromboembolism, urinary obstruction,
- 275 pneumonia, dyspnea, abdominal pain, sepsis, and confusional state.
- Table 1 summarizes the adverse reactions that occurred in \geq 10% of patients while Table 2
- summarizes Grade 3–4 selected laboratory abnormalities that occurred in $\geq 1\%$ of patients
- treated with TECENTRIQ in Cohort 2 of Study 1.

		TECENTRIQ N = 310	
Adverse Reaction	All Grades	Grades 3 – 4	
- N. J. D. J.	(%)	(%)	
All Adverse Reactions Gastrointestinal Disorders	96	50	
Nausea	25	2	
Constipation	21	0.3	
Diarrhea	18	1	
Abdominal pain	17	4	
Vomiting	17	1	
General Disorders and Administration	n		
Fatigue	52	6	
Pyrexia	21	1	
Peripheral edema	18	1	
Infections and Infestations			
Urinary tract infection	22	9	
Metabolism and Nutrition Disorders			
Decreased appetite	26	1	
Musculoskeletal and Connective Tissu	ne Disorders	.1	
Back/Neck pain	15	2	
Arthralgia	14	1	
Renal and urinary disorders		1	
Hematuria	14	3	
Respiratory, Thoracic, and Mediastin	al Disorders	1	
Dyspnea	16	4	
Cough	14	0.3	
Skin and Subcutaneous Tissue Disord	ers		
Rash	15	0.3	
Pruritus	13	0.3	

Laboratory Test	Grades 3–4 (%)
Lymphopenia	10
Hyponatremia	10
Anemia	8
Hyperglycemia	5
Increased Alkaline phosphatase	4
Increased Creatinine	3
Increased ALT	2
Increased AST	2
Hypoalbuminemia	1

284285

295

296

297

282

283

6.2 Immunogenicity

- As with all therapeutic proteins, there is a potential for immunogenicity. Among 275 patients in
- Study 1, 114 patients (41.5%) tested positive for treatment-emergent (treatment-induced or
- treatment-enhanced) anti-therapeutic antibodies (ATA) at one or more post-dose time points. In
- 289 Study 1, the presence of ATAs did not appear to have a clinically significant impact on
- 290 pharmacokinetics, safety or efficacy.
- 291 Immunogenicity assay results are highly dependent on several factors, including assay sensitivity
- and specificity, assay methodology, sample handling, timing of sample collection, concomitant
- 293 medications and underlying disease. For these reasons, comparison of incidence of ATAs to
- TECENTRIQ with the incidence of antibodies to other products may be misleading.

8 USE IN SPECIFIC POPULATIONS

8.1 Pregnancy

Risk Summary

- 298 Based on its mechanism of action, TECENTRIQ can cause fetal harm when administered to a
- pregnant woman [see Clinical Pharmacology (12.1)]. There are no available data on the use of
- 300 TECENTRIQ in pregnant women. Animal studies have demonstrated that inhibition of the PD-
- 301 L1/PD-1 pathway can lead to increased risk of immune-related rejection of the developing fetus
- resulting in fetal death [see Data]. If this drug is used during pregnancy, or if the patient
- becomes pregnant while taking this drug, advise the patient of the potential risk to a fetus.
- In the U.S. general population, the estimated background risk of major birth defects and
- miscarriage in clinically recognized pregnancies is 2% to 4% and 15% to 20%, respectively.

306 **Data**

307

Animal Data

- 308 Animal reproduction studies have not been conducted with TECENTRIQ to evaluate its effect on
- 309 reproduction and fetal development. A literature-based assessment of the effects on reproduction
- demonstrated that a central function of the PD-L1/PD-1 pathway is to preserve pregnancy by
- 311 maintaining maternal immune tolerance to a fetus. Blockage of PD-L1 signaling has been shown
- in murine models of pregnancy to disrupt tolerance to a fetus and to result in an increase in fetal
- loss; therefore, potential risks of administering TECENTRIQ during pregnancy include increased
- rates of abortion or stillbirth. As reported in the literature, there were no malformations related to
- 315 the blockade of PD-L1/PD-1 signaling in the offspring of these animals; however, immune-
- 316 mediated disorders occurred in PD-1 and PD-L1 knockout mice. Based on its mechanism of

U.S. BLA 761034 Amendment: Atezolizumab—Genentech, Inc.

- action, fetal exposure to atezolizumab may increase the risk of developing immune-mediated
- 318 disorders or altering the normal immune response.
- 319 **8.2 Lactation**
- 320 Risk Summary
- 321 There is no information regarding the presence of atezolizumab in human milk, the effects on the
- breastfed infant, or the effects on milk production. As human IgG is excreted in human milk, the
- potential for absorption and harm to the infant is unknown. Because of the potential for serious
- 324 adverse reactions in breastfed infants from TECENTRIQ, advise a lactating woman not to breastfeed
- during treatment and for at least 5 months after the last dose.
- 326 8.3 Females and Males of Reproductive Potential
- 327 Contraception
- 328 Females
- 329 Based on its mechanism of action, TECENTRIQ can cause fetal harm when administered to a
- pregnant woman [see Use in Specific Populations (8.1)]. Advise females of reproductive
- potential to use effective contraception during treatment with TECENTRIQ and for at least
- 332 5 months following the last dose.
- 333 **Infertility**
- 334 Females
- 335 Based on animal studies, TECENTRIQ may impair fertility in females of reproductive potential
- while receiving treatment [see Nonclinical Toxicology (13.1)].
- 337 **8.4 Pediatric Use**
- 338 The safety and effectiveness of TECENTRIQ have not been established in pediatric patients.
- 339 **8.5** Geriatric Use
- 340 Of the 310 patients with urothelial carcinoma treated with TECENTRIQ in Study 1, 59% were
- 341 65 years or older. No overall differences in safety or efficacy were observed between patients
- \geq 65 years of age and younger patients.
- 343 **8.6 Renal Impairment**
- Based on a population pharmacokinetic analysis, no dose adjustment of TECENTRIO is
- recommended for patients with renal impairment [see Clinical Pharmacology (12.3)].
- 346 **8.7 Hepatic Impairment**
- Based on a population pharmacokinetic analysis, no dose adjustment of TECENTRIQ is
- recommended for patients with mild hepatic impairment. TECENTRIQ has not been studied in
- patients with moderate or severe hepatic impairment [see Clinical Pharmacology (12.3)].
- **350 10 OVERDOSAGE**
- 351 There is no information on overdose with TECENTRIQ.
- 352 11 **DESCRIPTION**
- 353 Atezolizumab is an Fc-engineered, humanized, monoclonal antibody that binds to PD-L1 and
- blocks interactions with the PD-1 and B7.1 receptors. Atezolizumab is a non-glycosylated IgG1
- kappa immunoglobulin that has a calculated molecular mass of 145 kDa.
- 356 TECENTRIO injection for intravenous infusion is a sterile, preservative-free, colorless to
- 357 slightly yellow solution in single-dose vials. Each mL of TECENTRIQ contains 60 mg of

U.S. BLA 761034 Amendment: Atezolizumab—Genentech, Inc.

- atezolizumab and is formulated in glacial acetic acid (16.5 mg), L-histidine (62 mg), sucrose
- 359 (821.6 mg), polysorbate 20 (8 mg), pH 5.8.

360 12 CLINICAL PHARMACOLOGY

- 361 **12.1 Mechanism of Action**
- 362 PD-L1 may be expressed on tumor cells and/or tumor-infiltrating immune cells and can
- 363 contribute to the inhibition of the anti-tumor immune response in the tumor microenvironment.
- Binding of PD-L1 to the PD-1 and B7.1 receptors found on T cells and antigen presenting cells
- 365 suppresses cytotoxic T-cell activity, T-cell proliferation and cytokine production.
- 366 Atezolizumab is a monoclonal antibody that binds to PD-L1 and blocks its interactions with both
- PD-1 and B7.1 receptors. This releases the PD-L1/PD-1 mediated inhibition of the immune
- 368 response, including activation of the anti-tumor immune response without inducing antibody-
- dependent cellular cytotoxicity. In syngeneic mouse tumor models, blocking PD-L1 activity
- 370 resulted in decreased tumor growth.

371 **12.3 Pharmacokinetics**

- Patients' exposures to atezolizumab increased dose proportionally over the dose range of
- 373 1 mg/kg to 20 mg/kg, including the fixed dose 1200 mg administered every 3 weeks. Based on a
- population analysis that included 472 patients in the dose range, the typical population clearance
- was 0.20 L/day, volume of distribution at steady state was 6.9 L, and the terminal half-life was
- 376 27 days. The population PK analysis suggests steady state is obtained after 6 to 9 weeks (2 to
- 377 3 cycles) of repeated dosing. The systemic accumulation in area under the curve (AUC),
- maximum concentration (Cmax) and trough concentration (Cmin) was 1.91, 1.46 and 2.75-fold,
- 379 respectively.
- 380 Specific Populations: Age (21–89 years), body weight, gender, positive anti-therapeutic
- antibody (ATA) status, albumin levels, tumor burden, region or race, mild or moderate renal
- impairment (estimated glomerular filtration rate (eGFR) 30 to 89 mL/min/1.73 m²), mild hepatic
- impairment (bilirubin < ULN and AST > ULN or bilirubin < 1.0 to 1.5 × ULN and any AST).
- level of PD-L1 expression, or ECOG status had no clinically significant effect on the systemic
- 385 exposure of atezolizumab.
- The effect of severe renal impairment (eGFR 15 to 29 mL/min/1.73 m²) or moderate or severe
- hepatic impairment (bilirubin > ULN and AST > ULN or bilirubin ≥ 1.0 to $1.5 \times ULN$ and any
- 388 AST) on the pharmacokinetics of atezolizumab is unknown.
- 389 Drug Interaction Studies
- 390 The drug interaction potential of atezolizumab is unknown.

391 13 NONCLINICAL TOXICOLOGY

- 392 13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility
- No studies have been performed to test the potential of atezolizumab for carcinogenicity or
- 394 genotoxicity.
- 395 Animal fertility studies have not been conducted with atezolizumab; however, an assessment of
- 396 the male and female reproductive organs was included in a 26-week, repeat-dose toxicity study
- in cynomolgus monkeys. Weekly administration of atezolizumab to female monkeys at the
- highest dose tested caused an irregular menstrual cycle pattern and a lack of newly formed
- 399 corpora lutea in the ovaries. This effect occurred at an estimated AUC approximately 6 times the
- 400 AUC in patients receiving the recommended dose and was reversible. There was no effect on
- 401 the male monkey reproductive organs.

402 13.2 Animal Toxicology and/or Pharmacology

- 403 In animal models, inhibition of PD-L1/PD-1 signaling increased the severity of some infections
- and enhanced inflammatory responses. M. tuberculosis-infected PD-1 knockout mice exhibit
- 405 markedly decreased survival compared with wild-type controls, which correlated with increased
- bacterial proliferation and inflammatory responses in these animals. PD-L1 and PD-1 knockout
- 407 mice and mice receiving PD-L1 blocking antibody have also shown decreased survival following
- 408 infection with lymphocytic choriomeningitis virus.

14 CLINICAL STUDIES

410 **14.1 Urothelial Carcinoma**

409

- 411 TECENTRIQ was investigated in Study 1, a multicenter, open-label, two-cohort trial that
- 412 included patients with locally advanced or metastatic urothelial carcinoma. In Cohort 2 of
- Study 1, 310 patients with locally advanced or metastatic urothelial carcinoma who had disease
- 414 progression during or following a platinum-containing chemotherapy regimen or who had
- disease progression within 12 months of treatment with a platinum-containing neoadjuvant or
- adjuvant chemotherapy regimen were treated with TECENTRIQ. This study excluded patients
- 417 who had: a history of autoimmune disease, active or corticosteroid-dependent brain metastases,
- administration of a live, attenuated vaccine within 28 days prior to enrollment, or administration
- of systemic immunostimulatory agents or systemic immunosuppressive medications. Patients
- 420 received an intravenous infusion of 1200 mg of TECENTRIQ every 3 weeks until unacceptable
- 421 toxicity or either radiographic or clinical progression. Tumor response assessments were
- 422 conducted every 9 weeks for the first 54 weeks and every 12 weeks thereafter. Major efficacy
- outcome measures included confirmed objective response rate (ORR) as assessed by independent
- 424 review facility (IRF) using Response Evaluation Criteria in Solid Tumors (RECIST v1.1) and
- 425 duration of response (DoR).
- In this cohort, the median age was 66 years, 78% were male, 91% patients were Caucasian.
- 427 Twenty-six percent had non-bladder urothelial carcinoma and 78% of patients had visceral
- 428 metastases. Sixty-two percent of patients had an ECOG score of 1 and 35% of patients had a
- baseline creatinine clearance of < 60 mL/min. Nineteen percent of patients had disease
- progression following prior platinum-containing neoadjuvant or adjuvant chemotherapy. Forty-
- one percent of patients had received ≥ 2 prior systemic regimens in the metastatic setting.
- Seventy-three percent of patients received prior cisplatin, 26% had prior carboplatin, and 1%
- were treated with other platinum-based regimens.
- Tumor specimens were evaluated prospectively using the Ventana PD-L1 (SP142) Assay at a
- central laboratory, and the results were used to define subgroups for pre-specified analyses. Of
- 436 the 310 patients, 32% were classified as having PD-L1 expression of \geq 5% (defined as PD-L1
- stained tumor-infiltrating immune cells [ICs] covering $\geq 5\%$ of the tumor area). The remaining,
- 438 68% of patients, were classified as having PD-L1 expression of <5% (PD-L1 stained tumor-
- infiltrating ICs covering < 5% of the tumor area).
- 440 Confirmed ORR in all patients and the two PD-L1 subgroups are summarized in Table 3. The
- median follow-up time for this cohort was 14.4 months. In 59 patients with disease progression
- following neoadjuvant or adjuvant therapy, the ORR was 22.0% (95% CI: 12.3%, 34.7%).

443

444

445

446

Table 3: Summary of Efficacy from Cohort 2 of Study 1

	All Patients	PD-L1 Expression Subgroups	
	N=310	PD-L1 Expression of < 5% in ICs ¹ (N=210)	PD-L1 Expression of $\geq 5\%$ in ICs ¹ (N=100)
Number of IRF-assessed Confirmed Responders	46	20	26
ORR % (95% CI)	14.8% (11.1, 19.3)	9.5% (5.9, 14.3)	26.0% (17.7, 35.7)
Complete Response (CR) (%)	5.5%	2.4%	12.0%
Partial Response (PR) (%)	9.4%	7.1%	14.0%
Median DoR, months (range)	NR (2.1+, 13.8+)	12.7 (2.1+, 12.7)	NR (4.2, 13.8+)

NR = Not reached

448 449

455

459

460

461

462

463

464

465 466

467

468 469

470

471

472

473

474

16 HOW SUPPLIED/STORAGE AND HANDLING

- 450 TECENTRIQ injection is a sterile, preservative-free, and colorless to slightly yellow solution for
- intravenous infusion supplied as a carton containing one 1200 mg/20 mL single-dose vial (NDC
- 452 50242-917-01).
- 453 **Storage:** Store vials under refrigeration at 2°C to 8°C (36°F to 46°F) in original carton to protect
- from light. Do not freeze. Do not shake.

17 PATIENT COUNSELING INFORMATION

- 456 Advise the patient to read the FDA-approved patient labeling (Medication Guide).
- Inform patients of the risk of immune-related adverse reactions that may require corticosteroid
- 458 treatment and interruption or discontinuation of TECENTRIQ, including:
 - Pneumonitis: Advise patients to contact their healthcare provider immediately for any new or worsening cough, chest pain, or shortness of breath [see Warnings and Precautions (5.1)].
 - Hepatitis: Advise patients to contact their healthcare provider immediately for jaundice, severe nausea or vomiting, pain on the right side of abdomen, lethargy, or easy bruising or bleeding [see Warnings and Precautions (5.2)].
 - Colitis: Advise patients to contact their healthcare provider immediately for diarrhea or severe abdominal pain [see Warnings and Precautions (5.3)].
 - Endocrinopathies: Advise patients to contact their healthcare provider immediately for signs or symptoms of hypophysitis, hyperthyroidism, hypothyroidism, adrenal insufficiency, or type 1 diabetes mellitus, including diabetic ketoacidosis [see Warnings and Precautions (5.4)]
 - Meningoencephalitis, myasthenic syndrome/myasthenia gravis, and Guillain-Barré syndrome: Advise patients to contact their healthcare provider immediately for signs or symptoms of meningitis, myasthenic syndrome/myasthenia gravis, or Guillain-Barré syndrome [see Warnings and Precautions (5.5)].

⁺ Denotes a censored value

¹ PD-L1 expression in tumor-infiltrating immune cells (ICs)

- Ocular Inflammatory Toxicity: Advise patients to contact their healthcare provider immediately for signs or symptoms of ocular inflammatory toxicity [see Warnings and Precautions (5.5)].
 - Pancreatitis: Advise patients to contact their healthcare provider immediately for signs and symptoms of pancreatitis [see Warnings and Precautions (5.5)].
 - Infection: Advise patients to contact their healthcare provider immediately for signs or symptoms of infection [see Warnings and Precautions (5.6)].
 - Infusion-Related Reactions: Advise patients to contact their healthcare provider immediately for signs or symptoms of infusion-related reactions [see Warnings and Precautions (5.7)].
 - Rash: Advise patients to contact their healthcare provider immediately for signs or symptoms of rash [see Dosage and Administration (2.2)].

487 Embryo-Fetal Toxicity

- Advise female patients that TECENTRIQ can cause fetal harm. Instruct females of reproductive potential to use effective contraception during treatment and for at least 5 months after the last dose of TECENTRIQ [see Use in Specific Populations (8.1, 8.3)].
- 491 Lactation

478

479

480

481

482

483

484

485

486

494

Advise female patients not to breastfeed while taking TECENTRIQ and for at least 5 months after the last dose [see Use in Specific Populations (8.2)].

TECENTRIQTM [atezolizumab]

Manufactured by:

U.S. License No. 1048

Genentech, Inc.

A Member of the Roche Group 1 DNA Way South San Francisco, CA 94080-4990

TECENTRIQ is a trademark of Genentech, Inc. [©]{*Year*} Genentech, Inc.

495

MEDICATION GUIDE

TECENTRIQ™ (te-SEN-trik) (atezolizumab) injection

What is the most important information I should know about TECENTRIQ?

TECENTRIQ is a medicine that may treat your bladder cancer by working with your immune system. TECENTRIQ can cause your immune system to attack normal organs and tissues in many areas of your body and can affect the way they work. These problems can sometimes become serious or life-threatening and can lead to death.

Call or see your healthcare provider right away if you get any symptoms of the following problems or these symptoms get worse:

Lung problems (pneumonitis). Signs and symptoms of pneumonitis may include:

- new or worsening cough
- shortness of breath
- chest pain

Liver problems (hepatitis). Signs and symptoms of hepatitis may include:

- yellowing of your skin or the whites of your eyes
- severe nausea or vomiting
- pain on the right side of your stomach area (abdomen)
- drowsiness

- dark urine (tea colored)
- bleeding or bruising more easily than normal
- feeling less hungry than usual

Intestinal problems (colitis). Signs and symptoms of colitis may include:

- diarrhea (loose stools) or more bowel movements than usual
- blood in your stools or dark, tarry, sticky stools
- severe stomach area (abdomen) pain or tenderness

Hormone gland problems (especially the pituitary, thyroid, adrenal glands, and pancreas). Signs and symptoms that your hormone glands are not working properly may include:

- headaches that will not go away or unusual headaches
- extreme tiredness
- weight gain or weight loss
- dizziness or fainting
- feeling more hungry or thirsty than usual

- feeling cold
- constipation
- your voice gets deeper
- urinating more often than usual
- nausea or vomiting
- stomach area (abdomen) pain
- changes in mood or behavior, such as decreased sex drive, irritability, or forgetfulness

Nervous system problems (neuropathy, meningoencephalitis). Signs of nervous system problems may include:

- severe muscle weakness
- numbness or tingling in hands or feet
- fever
- confusion

- changes in mood or behavior
- extreme sensitivity to light
- neck stiffness

Inflammation of the eyes. Symptoms may include:

- blurry vision, double vision, or other vision problems
- eye pain or redness

Severe infections. Symptoms of infection may include:

- fever
- cough
- frequent urination

- flu-like symptoms
- pain when urinating

Severe infusion reactions. Signs and symptoms of infusion reactions may include:

- chills or shaking
- itching or rash
- flushing
- shortness of breath or wheezing

- dizziness
- fever
- feeling like passing out
- back or neck pain
- facial swelling

Getting medical treatment right away may help keep these problems from becoming more serious.

U.S. BLA 761034 Amendment: Atezolizumab—Genentech, Inc.

16/Regional (Urothelial Carcinoma): 06May16 Clean and Final Tecentriq USPI.docx

Reference ID: 3933242

Your healthcare provider will check you for these problems during your treatment with TECENTRIQ. Your healthcare provider may treat you with corticosteroid or hormone replacement medicines. Your healthcare provider may delay or completely stop treatment with TECENTRIQ if you have severe side effects.

What is TECENTRIQ?

TECENTRIQ is a prescription medicine used to treat:

- a type of bladder cancer called urothelial carcinoma. TECENTRIQ may be used when your bladder cancer has spread or cannot be removed by surgery (advanced urothelial carcinoma) and,
- you have tried chemotherapy that contains platinum, and it did not work or is no longer working.

It is not known if TECENTRIQ is safe and effective in children.

Before you receive TECENTRIQ, tell your healthcare provider about all of your medical conditions, including if you:

- have immune system problems such as Crohn's disease, ulcerative colitis, or lupus
- have had an organ transplant
- have lung or breathing problems
- have liver problems
- have a condition that affects your nervous system, such as Myasthenia Gravis or Guillain-Barré syndrome
- are being treated for an infection
- are pregnant or plan to become pregnant. TECENTRIQ can harm your unborn baby. If you are able to become pregnant, you should use an effective method of birth control during your treatment and for at least 5 months after the last dose of TECENTRIQ.
- are breastfeeding or plan to breastfeed. It is not known if TECENTRIQ passes into your breast milk. Do not breastfeed during treatment and for at least 5 months after the last dose of TECENTRIQ.

Tell your healthcare provider about all the medicines you take, including prescription and over-the-counter medicines, vitamins, and herbal supplements.

How will I receive TECENTRIQ?

- Your healthcare provider will give you TECENTRIQ into your vein through an intravenous (IV) line over 30 to 60 minutes.
- TECENTRIQ is usually given every 3 weeks.
- Your healthcare provider will decide how many treatments you need.
- Your healthcare provider will test your blood to check you for certain side effects. If you miss any appointments, call your healthcare provider as soon as possible to reschedule your appointment.

What are the possible side effects of TECENTRIQ?

TECENTRIQ can cause serious side effects, including:

See "What is the most important information I should know about TECENTRIQ?"

The most common side effects of TECENTRIQ include:

feeling tired

decreased appetite

nausea

urinary tract infection

fever

constipation

These are not all the possible side effects of TECENTRIQ. Ask your healthcare provider or pharmacist for more information. Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

General information about the safe and effective use of TECENTRIQ.

Medicines are sometimes prescribed for purposes other than those listed in a Medication Guide. If you would like more information about TECENTRIQ, talk with your healthcare provider. You can ask your healthcare provider for information about TECENTRIQ that is written for health professionals.

What are the ingredients in TECENTRIQ?

Active ingredient: atezolizumab

Inactive ingredients: glacial acetic acid, L-histidine, sucrose, polysorbate 20

Manufactured by: Genentech, Inc., A Member of the Roche Group, 1 DNA Way, South San Francisco, CA 94080 USA U.S. License No. 1048 TECENTRIQ is a trademark of Genentech, Inc.

For more information, call 1-844-832-3687 or go to www.TECENTRIQ.c

This Medication Guide has been approved by the U.S. Food and Drug Administration.

Issued: XX/XXXX

U.S. BLA 761034 Amendment: Atezolizumab—Genentech, Inc.