FARXIGA® (dapagliflozin) tablets, for oral use
Initial U.S. Approval: 2014

HIGHLIGHTS OF PRESCRIBING INFORMATION

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

--INDICATIONS AND USAGE--

FARXIGA is a sodium-glucose cotransporter 2 (SGLT2) inhibitor indicated as an adjunct to diet and exercise to improve glycemic control in adults with type 2 diabetes mellitus. (1)

--DOSE AND ADMINISTRATION--

The recommended starting dose is 5 mg once daily, taken in the morning, with or without food. (2.1)

Dose can be increased to 10 mg once daily in patients tolerating FARXIGA who require additional glycemic control. (2.1)

Assess renal function before initiating FARXIGA and periodically thereafter. (2.2)

Use of FARXIGA is not recommended in patients with an eGFR persistently between 30 and less than 60 mL/min/1.73 m². (2.2)

--DOSE FORMS AND STRENGTHS--

• Tablets: 5 mg and 10 mg (3)

--CONTRAINDICATIONS--

• History of serious hypersensitivity reaction to FARXIGA. (4)

• Severe renal impairment, end-stage renal disease, or dialysis. (4)

--WARNINGS AND PRECAUTIONS--

• Hypotension: Before initiating FARXIGA, assess volume status and correct hypovolemia in the elderly, in patients with renal impairment or low systolic blood pressure, and in patients on diuretics. Monitor for signs and symptoms during therapy. (5.1, 6.1)

• Ketoacidosis: Assess patients who present with signs and symptoms of metabolic acidosis for ketoacidosis regardless of blood glucose level. If suspected, discontinue FARXIGA, evaluate and treat promptly. Before initiating FARXIGA, consider risk factors for ketoacidosis. Patients on FARXIGA may require monitoring and temporary discontinuation of therapy in clinical situations known to predispose to ketoacidosis. (5.2)

• Acute Kidney Injury and Impairment in Renal Function: Consider temporarily discontinuing in settings of reduced oral intake or fluid losses. If acute kidney injury occurs, discontinue and promptly treat. Monitor renal function during therapy. (5.3)

• Urosepsis and Pyelonephritis: Evaluate for signs and symptoms of urinary tract infections and treat promptly, if indicated. (5.4)

• Hypoglycemia: In patients taking insulin or an insulin secretagogue with FARXIGA, consider a lower dose of insulin or the insulin secretagogue to reduce the risk of hypoglycemia. (5.5)

• Necrotizing Fasciitis of the Perineum (Fournier’s Gangrene): Serious, life-threatening cases have occurred in both females and males. Assess patients presenting with pain or tenderness, erythema, or swelling in the genital or perineal area, along with fever or malaise. If suspected, institute prompt treatment. (5.6)

• Genital Mycotic Infections: Monitor and treat if indicated. (5.7)

• Increased LDL-C: Monitor and treat per standard of care. (5.8)

• Bladder Cancer: An imbalance in bladder cancers was observed in clinical trials. FARXIGA should not be used in patients with active bladder cancer and should be used with caution in patients with a prior history of bladder cancer. (5.9)

• Macrovascular Outcomes: There have been no clinical studies establishing conclusive evidence of macrovascular risk reduction with FARXIGA. (5.10)

--ADVERSE REACTIONS--

The most common adverse reactions associated with FARXIGA (5% or greater incidence) were female genital mycotic infections, nasopharyngitis, and urinary tract infections. (6.1)

To report SUSPECTED ADVERSE REACTIONS, contact AstraZeneca at 1-800-236-9933 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

--USE IN SPECIFIC POPULATIONS--

• Pregnancy: Advise females of the potential risk to a fetus especially during the second and third trimesters. (8.1)

• Lactation: FARXIGA is not recommended when breastfeeding. (8.2)

• Geriatrics: Higher incidence of adverse reactions related to reduced intravascular volume. (5.1, 8.5)

• Renal Impairment: Higher incidence of adverse reactions related to reduced intravascular volume and renal function. (5.3, 6.1, 8.6)

See 17 for PATIENT COUNSELING INFORMATION and Medication Guide

Revised: 10/2018

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1 INDICATIONS AND USAGE
FARXIGA (dapagliflozin) is indicated as an adjunct to diet and exercise to improve glycemic control in adults with type 2 diabetes mellitus [see Clinical Studies (14)].

1.1 Limitation of Use
FARXIGA is not recommended for patients with type 1 diabetes mellitus or for the treatment of diabetic ketoacidosis.

2 DOSAGE AND ADMINISTRATION
2.1 Recommended Dosing
The recommended starting dose of FARXIGA is 5 mg once daily, taken in the morning, with or without food. In patients tolerating FARXIGA 5 mg once daily who require additional glycemic control, the dose can be increased to 10 mg once daily. In patients with volume depletion, correcting this condition prior to initiation of FARXIGA is recommended [see Warnings and Precautions (5.1), Use in Specific Populations (8.5, 8.6), and Patient Counseling Information (17)].

2.2 Patients with Renal Impairment
Assessment of renal function is recommended prior to initiation of FARXIGA therapy and periodically thereafter.

Initiation of FARXIGA is not recommended in patients with an eGFR less than 60 mL/min/1.73 m². No dose adjustment is needed in patients with mild renal impairment (eGFR of 60 mL/min/1.73 m² or greater).

Use of FARXIGA is not recommended in patients with an eGFR persistently between 30 and less than 60 mL/min/1.73 m² [see Warnings and Precautions (5.3) and Use in Specific Populations (8.6)].

FARXIGA is contraindicated in patients with an eGFR less than 30 mL/min/1.73 m² [see Contraindications (4)].

3 DOSAGE FORMS AND STRENGTHS
• FARXIGA 5 mg tablets are yellow, biconvex, round, film-coated tablets with “5” engraved on one side and “1427” engraved on the other side.
• FARXIGA 10 mg tablets are yellow, biconvex, diamond-shaped, film-coated tablets with “10” engraved on one side and “1428” engraved on the other side.

4 CONTRAINDICATIONS
• History of a serious hypersensitivity reaction to FARXIGA [see Adverse Reactions (6.1)].
• Severe renal impairment, (eGFR less than 30 mL/min/1.73 m²) end-stage renal disease (ESRD), or patients on dialysis [see Use in Specific Populations (8.6)].

5 WARNINGS AND PRECAUTIONS
5.1 Hypotension
FARXIGA causes intravascular volume contraction. Symptomatic hypotension can occur after initiating FARXIGA [see Adverse Reactions (6.1)] particularly in patients with impaired renal function (eGFR less than 60 mL/min/1.73 m²), elderly patients, or patients on loop diuretics. Before initiating FARXIGA in patients with one or more of these characteristics, volume status should be assessed and corrected. Monitor for signs and symptoms of hypotension after initiating therapy.

5.2 Ketoacidosis
Reports of ketoacidosis, a serious life-threatening condition requiring urgent hospitalization have been identified in postmarketing surveillance in patients with type 1 and type 2 diabetes mellitus receiving sodium-glucose cotransporter 2 (SGLT2) inhibitors, including FARXIGA. Fatal cases of ketoacidosis have been reported in patients taking FARXIGA. FARXIGA is not indicated for the treatment of patients with type 1 diabetes mellitus [see Indications and Usage (2.2), Contraindications and Use in Specific Populations (8.6)].

Patients treated with FARXIGA who present with signs and symptoms consistent with severe metabolic acidosis should be assessed for ketoacidosis regardless of presenting blood glucose levels as ketoacidosis associated with FARXIGA may be present even if blood glucose levels are less than 250 mg/dL. If ketoacidosis is suspected, FARXIGA should be discontinued, the patient should be evaluated and prompt treatment should be instituted. Treatment of ketoacidosis may require insulin, fluid and carbohydrate replacement.

In many of the postmarketing reports, and particularly in patients with type 1 diabetes, the presence of ketoacidosis was not immediately recognized and the institution of treatment was delayed because the presenting blood glucose levels were below those typically associated with diabetic ketoacidosis (often less than 250 mg/dL). Signs and symptoms at presentation were consistent with dehydration and severe metabolic acidosis and included nausea, vomiting, abdominal pain, generalized malaise, and shortness of breath. In some but not all cases, factors predisposing to ketoacidosis such as insulin dose reduction, acute febrile illness, reduced caloric intake due to illness or surgery, pancreatic disorders suggesting insulin deficiency (e.g., type 1 diabetes, history of pancreatitis or pancreatic surgery), and alcohol abuse were identified.

Before initiating FARXIGA, consider factors in the patient history that may predispose to ketoacidosis including pancreatic insulin deficiency from any cause, celiac restrictive diet, severe alcohol abuse. In patients treated with FARXIGA consider monitoring for ketoacidosis and temporarily discontinuing FARXIGA in clinical situations known to predispose to ketoacidosis (e.g., prolonged fasting due to acute illness or surgery).

5.3 Acute Kidney Injury and Impairment in Renal Function
FARXIGA causes intravascular volume contraction [see Warning and Precautions (5.1)], and can cause renal impairment [see Adverse Reactions (6.1)]. There have been postmarketing reports of acute kidney injury, some requiring hospitalization and dialysis, in patients receiving FARXIGA; some reports involved patients younger than 65 years of age.

Before initiating FARXIGA, consider factors that may predispose patients to acute kidney injury including hypovolemia, chronic renal insufficiency, congestive heart failure, and concomitant medications (diuretics, ACE inhibitors, ARBs, NSAIDs). Consider temporarily discontinuing FARXIGA in any setting of reduced oral intake (such as acute illness or fasting) or fluid losses (gastrointestinal illness or excessive heat exposure); monitor patients for signs and symptoms of acute kidney injury. If acute kidney injury occurs, discontinue FARXIGA promptly and institute treatment. FARXIGA increases serum creatinine and decreases eGFR. Elderly patients and patients with impaired renal function may be more susceptible to these changes. Adverse reactions related to renal function can occur after initiating FARXIGA [see Adverse Reactions (6.1)]. Renal function should be evaluated prior to initiation of FARXIGA and monitored periodically thereafter. Use of FARXIGA is not recommended in patients with an eGFR persistently between 30 and less than 60 mL/min/1.73 m² and is contraindicated in patients with an eGFR less than 30 mL/min/1.73 m² [see Dosage and Administration (2.2), Contraindications (4) and Use in Specific Populations (8.6)].

5.4 Urosepsis and Pyelonephritis
There have been postmarketing reports of serious urinary tract infections including urosepsis and pyelonephritis requiring hospitalization in patients receiving SGLT2 inhibitors, including FARXIGA. Treatment with SGLT2 inhibitors increases the risk for urinary tract infections. Evaluate patients for signs and symptoms of urinary tract infections and treat promptly, if indicated [see Adverse Reactions (6)].

5.5 Hypoglycemia with Concomitant Use with Insulin and Insulin Secretagogues
Insulin and insulin secretagogues are known to cause hypoglycemia. FARXIGA can increase the risk of hypoglycemia when combined with insulin or an insulin secretagogue [see Adverse Reactions (6.1)]. Therefore, a lower dose of insulin or insulin secretagogue may be required to minimize the risk of hypoglycemia when these agents are used in combination with FARXIGA.

5.6 Necrotizing Fasciitis of the Perineum (Fournier’s Gangrene)
Reports of necrotizing fasciitis of the perineum (Fournier’s Gangrene), a rare but serious and life-threatening necrotizing infection requiring urgent surgical intervention, have been identified in postmarketing surveillance in patients with diabetes mellitus receiving SGLT2 inhibitors, including FARXIGA. Cases have been reported in both females and males. Serious outcomes have included hospitalization, multiple surgeries, and death.

Patients treated with FARXIGA presenting with pain or tenderness, erythema, or swelling in the genital or perineal area, along with fever or malaise, should be assessed for necrotizing fasciitis. If suspected, start treatment immediately with broad-spectrum antibiotics and, if necessary, surgical debridement. Discontinue FARXIGA, closely monitor blood glucose levels, and provide appropriate alternative therapy for glycemic control.

5.7 Genital Mycotic Infections
FARXIGA increases the risk of genital mycotic infections. Patients with a history of genital mycotic infections were more likely to develop genital mycotic infections [see Adverse Reactions (6.1)]. Monitor and treat appropriately.

5.8 Increases in Low-Density Lipoprotein Cholesterol (LDL-C)
Increases in LDL-C occur with FARXIGA [see Adverse Reactions (6.1)]. Monitor LDL-C and treat per standard of care after initiating FARXIGA.

5.9 Bladder Cancer
Across 22 clinical studies, newly diagnosed cases of bladder cancer were reported in 10/6045 patients (0.17%) treated with FARXIGA and 1/3512 patient (0.03%) treated with placebo comparator. After excluding patients in whom exposure to study drug was less than one year at the time of diagnosis of bladder cancer, there were 4 cases with FARXIGA and no cases with placebo/comparator. Bladder cancer risk factors and hematuria (a potential indicator of pre-existing tumors) were balanced between treatment arms at baseline. There were few other cases to determine whether the emergence of these events is related to FARXIGA.

There are insufficient data to determine whether FARXIGA has an effect on pre-existing bladder tumors. Consequently, FARXIGA should not be used in patients with active bladder cancer. In patients with prior history of bladder cancer, the benefits of glycemic control versus unknown risks for cancer recurrence with FARXIGA should be considered.

5.10 Macrovascular Outcomes
There have been no clinical studies establishing conclusive evidence of macrovascular risk reduction with FARXIGA.

6 ADVERSE REACTIONS
The following important adverse reactions are described below and elsewhere in the labeling:
• Hypotension [see Warnings and Precautions (5.1)]
• Ketoacidosis [see Warnings and Precautions (5.2)]
• Acute Kidney Injury and Impairment in Renal Function [see Warnings and Precautions (5.3)]
• Urosepsis and Pyelonephritis [see Warnings and Precautions (5.4)]
• Hypoglycemia with Concomitant Use with Insulin and Insulin Secretagogues [see Warnings and Precautions (5.5)]
• Necrotizing Fasciitis of the Perineum (Fournier’s Gangrene) [see Warnings and Precautions (5.6)]
• Genital Mycotic Infections [see Warnings and Precautions (5.7)]
• Increases in Low-Density Lipoprotein Cholesterol (LDL-C) [see Warnings and Precautions (5.8)]
• Bladder Cancer [see Warnings and Precautions (5.9)]
6.1 Clinical Trials Experience

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 clinical practice.

Pool of 12 Placebo-Controlled Studies for FARXIGA 5 and 10 mg

The data in Table 1 is derived from 12 placebo-controlled studies ranging from 12 to 24 weeks. In 4 studies, FARXIGA was used as monotherapy, and in 8 studies, FARXIGA was used as add-on to background antidiabetic therapy or as combination therapy with metformin [see Clinical Studies (14)].

These data reflect exposure of 2338 patients to FARXIGA with a mean exposure duration of 21 weeks. Patients received placebo (N=1393), FARXIGA 5 mg (N=1145), or FARXIGA 10 mg (N=1193) once daily. The mean age of the population was 55 years and 2% were older than 75 years of age. Fifty percent (50%) of the population were male, 14% were Asian, and 3% were Black or African American. At baseline, the population had diabetes for an average of 6 years, had a mean hemoglobin A1c (HbA1c) of 8.3%, and 21% had established microvascular complications of diabetes. Baseline renal function was normal or mildly impaired in 92% of patients and moderately impaired in 8% of patients (mean eGFR 86 mL/min/1.73 m²).

Table 1 shows common adverse reactions associated with the use of FARXIGA. These adverse reactions were not present at baseline, occurred more commonly on FARXIGA than on placebo, and occurred in at least 2% of patients treated with either FARXIGA 5 mg or FARXIGA 10 mg.

### Table 1: Adverse Reactions in Placebo-Controlled Studies Reported in ≥2% of Patients Treated with FARXIGA

<table>
<thead>
<tr>
<th>Adverse Reaction</th>
<th>% of Patients</th>
<th>Placebo N=1393</th>
<th>FARXIGA 5 mg N=1145</th>
<th>FARXIGA 10 mg N=1193</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female genital mycotic infections*</td>
<td>1.5</td>
<td>8.4</td>
<td>6.9</td>
<td></td>
</tr>
<tr>
<td>Nasopharyngitis</td>
<td>6.2</td>
<td>6.6</td>
<td>6.3</td>
<td></td>
</tr>
<tr>
<td>Urinary tract infections†</td>
<td>3.7</td>
<td>5.7</td>
<td>4.3</td>
<td></td>
</tr>
<tr>
<td>Back pain</td>
<td>3.2</td>
<td>3.1</td>
<td>4.2</td>
<td></td>
</tr>
<tr>
<td>Increased urination‡</td>
<td>1.7</td>
<td>2.9</td>
<td>3.8</td>
<td></td>
</tr>
<tr>
<td>Male genital mycotic infections†</td>
<td>0.3</td>
<td>2.8</td>
<td>2.7</td>
<td></td>
</tr>
<tr>
<td>Nausea</td>
<td>2.4</td>
<td>2.8</td>
<td>2.5</td>
<td></td>
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<tr>
<td>Influenza</td>
<td>2.3</td>
<td>2.7</td>
<td>2.3</td>
<td></td>
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<tr>
<td>Dyslipidemia</td>
<td>1.5</td>
<td>2.1</td>
<td>2.5</td>
<td></td>
</tr>
<tr>
<td>Constipation</td>
<td>1.5</td>
<td>2.2</td>
<td>2.5</td>
<td></td>
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<tr>
<td>Discomfort with urination</td>
<td>0.7</td>
<td>1.6</td>
<td>2.1</td>
<td></td>
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<tr>
<td>Pain in extremity</td>
<td>1.4</td>
<td>2.0</td>
<td>1.7</td>
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</tbody>
</table>

* Genital mycotic infections include the following adverse reactions, listed in order of frequency reported for females: vulvovaginal mycotic infection, vaginal infection, vulvovaginitis, vulvovaginitis, genital infection, genital candidiasis, fungal genital infection, vulvitis, vulvar, 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The safety of FARXIGA was evaluated in a study of patients with moderate renal impairment (eGFR 30 to less than 60 mL/min/1.73 m²) [see Clinical Studies (14)]. In this study, 13 patients experienced bone fractures for treatment durations up to 104 weeks. No fractures occurred in the placebo group, 5 occurred in the FARXIGA 5 mg group, and 8 occurred in the FARXIGA 10 mg group. Eight of these 13 fractures were in patients who had a baseline eGFR of 30 to 45 mL/min/1.73 m². Eleven of the 13 fractures were reported within the first 52 weeks. There was no apparent pattern with respect to the anatomic site of fracture.

**Hypoglycemia**

The frequency of hypoglycemia by study [see Clinical Studies (14)] is shown in Table 5. Hypoglycemia was more frequent when FARXIGA was added to sulfonlurea or insulin [see Warnings and Precautions (5.3)].

### Table 5: Incidence of Major* and Minor† Hypoglycemia in Controlled Clinical Studies

<table>
<thead>
<tr>
<th></th>
<th>Placebo/ Active Control</th>
<th>FARXIGA 5 mg</th>
<th>FARXIGA 10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Monotherapy</strong> (24 weeks)</td>
<td>N=75</td>
<td>N=64</td>
<td>N=70</td>
</tr>
<tr>
<td>Major [n (%)]</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Minor [n (%)]</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Add-on to Metformin</strong> (24 weeks)</td>
<td>N=137</td>
<td>N=137</td>
<td>N=135</td>
</tr>
<tr>
<td>Major [n (%)]</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Minor [n (%)]</td>
<td>0</td>
<td>2 (1.5)</td>
<td>1 (0.7)</td>
</tr>
<tr>
<td><strong>Active Control Add-on to Metformin</strong> versus Glipizide (52 weeks)</td>
<td>N=408</td>
<td>–</td>
<td>N=406</td>
</tr>
<tr>
<td>Major [n (%)]</td>
<td>3 (0.7)</td>
<td>–</td>
<td>0</td>
</tr>
<tr>
<td>Minor [n (%)]</td>
<td>147 (36.0)</td>
<td>–</td>
<td>7 (1.7)</td>
</tr>
<tr>
<td><strong>Add-on to Gilminepride</strong> (24 weeks)</td>
<td>N=146</td>
<td>N=145</td>
<td>N=151</td>
</tr>
<tr>
<td>Major [n (%)]</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Minor [n (%)]</td>
<td>3 (2.1)</td>
<td>8 (5.5)</td>
<td>9 (6.0)</td>
</tr>
<tr>
<td><strong>Add-on to Metformin and a Sulfonylurea</strong> (24 Weeks)</td>
<td>N=109</td>
<td>–</td>
<td>N=109</td>
</tr>
<tr>
<td>Major [n (%)]</td>
<td>0</td>
<td>–</td>
<td>0</td>
</tr>
<tr>
<td>Minor [n (%)]</td>
<td>4 (3.7)</td>
<td>–</td>
<td>14 (12.8)</td>
</tr>
<tr>
<td><strong>Add-on to Pioglitazone</strong> (24 weeks)</td>
<td>N=139</td>
<td>N=141</td>
<td>N=140</td>
</tr>
<tr>
<td>Major [n (%)]</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Minor [n (%)]</td>
<td>3 (2.1)</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Add-on to DPP4 inhibitor (24 weeks)</strong></td>
<td>N=226</td>
<td>–</td>
<td>N=225</td>
</tr>
<tr>
<td>Major [n (%)]</td>
<td>0</td>
<td>–</td>
<td>0 (0.4)</td>
</tr>
<tr>
<td>Minor [n (%)]</td>
<td>3 (1.3)</td>
<td>–</td>
<td>4 (1.8)</td>
</tr>
<tr>
<td><strong>Add-on to Insulin with or without OADs† (24 weeks)</strong></td>
<td>N=197</td>
<td>N=212</td>
<td>N=196</td>
</tr>
<tr>
<td>Major [n (%)]</td>
<td>1 (0.5)</td>
<td>1 (0.5)</td>
<td>1 (0.5)</td>
</tr>
<tr>
<td>Minor [n (%)]</td>
<td>67 (34.0)</td>
<td>92 (43.4)</td>
<td>79 (40.3)</td>
</tr>
</tbody>
</table>

* Major episodes of hypoglycemia were defined as symptomatic episodes requiring external (third party) assistance due to severe impairment in consciousness or behavior with a capillary or plasma glucose value <54 mg/dL and prompt recovery after administration of glucose.
† Minor episodes of hypoglycemia were defined as either a symptomatic episode with a capillary or plasma glucose measurement <63 mg/dL that does not qualify as a major episode.
† OAD = oral antidiabetic therapy.

**Genital Mycotic Infections**

Genital mycotic infections were more frequent with FARXIGA treatment. Genital mycotic infections were reported in 0.9% of patients on placebo, 5.7% on FARXIGA 5 mg, and 4.8% on FARXIGA 10 mg, in the 12-study placebo-controlled pool. Discontinuation from study due to genital infection occurred in 0% of placebo-treated patients and 0.2% of patients treated with FARXIGA 10 mg. Infections were more frequently reported in females than in males (see Table 1). The most frequently reported genital mycotic infections were vulvovaginal mycotic infections in females and balanitis in males. Patients with a history of genital mycotic infections were more likely to have a mycotic infection during the study than those with prior history (10.0%, 23.1%, and 25.0% versus 0.8%, 5.9%, and 5.0% on placebo, FARXIGA 5 mg, and FARXIGA 10 mg, respectively).

**Hypersensitivity Reactions**

Hypersensitivity reactions (e.g., angioedema, urticaria, hypersensitivity) were reported with FARXIGA treatment. Across the clinical program, serious anaphylactic reactions and severe cutaneous adverse reactions and angioedema were reported in 0.2% of comparator-treated patients and 0.3% of FARXIGA-treated patients. If hypersensitivity reactions occur, discontinue use of FARXIGA, treat per standard of care and monitor until signs and symptoms resolve.

**Laboratory Tests**

**Increase in Hematocrit**

In the pool of 13 placebo-controlled studies, increases from baseline in mean hematocrit values were observed in FARXIGA-treated patients starting at Week 1 and continuing up to Week 16, when the maximum mean difference from baseline was observed. At Week 24, the mean changes from baseline in hematocrit were –0.33% in the placebo group and 2.30% in the FARXIGA 10 mg group. By Week 24, hematocrit values >55% were reported in 0.4% of placebo-treated patients and 1.3% of FARXIGA 10 mg-treated patients.

**Increase in Serum Inorganic Phosphorus**

In the pool of 13 placebo-controlled studies, increases in baseline from mean serum phosphorus levels were reported at Week 24 in FARXIGA-treated patients compared with placebo-treated patients (mean increase of 0.13 versus –0.04 mg/dL, respectively). Higher proportions of patients with marked laboratory abnormalities of hyperphosphatemia (≥5.6 mg/dL for age 17-65 years or ≥5.1 mg/dL for age ≥66 years) were reported on FARXIGA at Week 24 (0.9% versus 1.7% for placebo and FARXIGA 10 mg, respectively).

**Increase in Low-Density Lipoprotein Cholesterol**

In the pool of 13 placebo-controlled studies, changes from baseline in mean lipid values were reported in FARXIGA-treated patients compared to placebo-treated patients. Mean percent changes from baseline at Week 24, were 0.0% versus 2.5% for total cholesterol and –1.0% versus 2.9% for LDL cholesterol, in the placebo and FARXIGA 10 mg groups, respectively.

**Decrease in Serum Bicarbonate**

In a study of concomitant therapy of FARXIGA 10 mg with exenatide extended-release (on a background of metformin), four patients (1.7%) on concomitant therapy had a serum bicarbonate value of less than or equal to 13 mg/dL compared to one each (0.4%) in the FARXIGA and exenatide-extended release treatment groups [see Warnings and Precautions (5.2)].

**7.2 Interference with 1,5-anhydroglucitol (1,5-AG) Assay**

Monitoring glycomic control with 1,5-AG assay is not recommended as measurements of 1,5-AG are unreliable in assessing glycomic control in patients taking SGLT2 inhibitors. Use alternative methods to monitor glycomic control.

**8 USE IN SPECIFIC POPULATIONS**

**8.1 Pregnancy**

**Risk Summary**

Based on animal data showing adverse renal effects, FARXIGA is not recommended during the second and third trimesters of pregnancy. Limited data with FARXIGA in pregnant women are not sufficient to determine drug-associated risk for major birth defects or miscarriage. There are risks to the mother and fetus associated with poorly controlled diabetes in pregnancy [see Clinical Considerations].

In animal studies, adverse renal pelvic and tubule dilatations, that were not fully reversible, were observed in rats when dapagliflozin was administered during a period of renal development corresponding to the late second and third trimesters of human pregnancy, at all doses tested; the lowest of which provided an exposure 15-times the 10 mg clinical dose [see Data].

The estimated background risk of major birth defects is 6-10% in women with pre-gestational diabetes with a HbA1c greater than 7% and has been reported to be between 20 to 25% in women with HbA1c greater than 10%. The estimated background risk of miscarriage for the indicated population is unknown. 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.

**Clinical Considerations**

**Disease-associated maternal and/or embryo-fetal risk**

Poorly controlled diabetes in pregnancy increases the maternal risk for diabetic ketoacidosis, preeclampsia, spontaneous abortions, preterm delivery, still birth and delivery complications. Poorly controlled diabetes increases the fetal risk for major birth defects, stillbirth, and macrosomia related morbidity.

**Data**

**Animal Data**

Dapagliflozin dosed directly to juvenile rats from postnatal day (PND) 21 until PND 90 at doses of 1, 15, or 75 mg/kg/day, increased kidney weights and increased the incidence of renal pelvic and tubular dilatations at all dose levels. Exposure at the lowest dose tested was 15-times the 10 mg clinical dose (based on AUC). The renal pelvic and tubular dilatations observed in juvenile animals did not fully reverse within a 1-month recovery period.

In a prenatal and postnatal development study, dapagliflozin was administered to maternal rats from gestation day 6 through lactation day 21 at doses of 1, 15, or 75 mg/kg/day, and pups were indirectly exposed in utero and throughout lactation. Increased incidence or severity of renal pelvic dilatation was observed in 21-day-old pups offspring of treated dams at 75 mg/kg/day (maternal and pup dapagliflozin exposures were 1415-times and 137-times, respectively, the human values at the 10 mg clinical dose, based on AUC). Dose-related reductions in pup body weights were observed at greater or equal to 29-times the 10 mg clinical dose (based on AUC).
No adverse effects on developmental endpoints were noted at 1 mg/kg/day (19-times the 10 mg clinical dose, based on AUC).

In embryo-fetal development studies in rats and rabbits, dapagliflozin was administered throughout organogenesis, corresponding to the first trimester of human pregnancy. In rats, dapagliflozin was neither embryolethal nor teratogenic at doses greater than 75 mg/kg/day (141-times the 10 mg clinical dose, based on AUC). Dose-related effects on the rat fetus (structural abnormalities and reduced body weight) occurred only at higher doses, greater than 150 mg/kg (more than 2344-times the 10 mg clinical dose, based on AUC), which were associated with maternal toxicity. These outcomes occurred with drug exposure during periods of renal development in rats that corresponds to the late second and third trimester of human development. No developmental toxicities were observed in rabbits at doses up to 180 mg/kg/day (1191-times the 10 mg clinical dose, based on AUC).

8.2 Lactation
Risk Summary
There is no information regarding the presence of dapagliflozin in human milk, the effects on the breastfed infant, or the effects on milk production. Dapagliflozin is present in the milk of lactating rats [see Data]. However, due to species-specific differences in lactation physiology, the clinical relevance of these data are not clear. Since human kidney maturation occurs in utero and during the first 2 years of life when lactational exposure may occur, there may be risk to the developing human kidney.

Because of the potential for serious adverse reactions in breastfed infants, advise women that use of FARXIGA is not recommended while breastfeeding.

Data
It is not known whether FARXIGA is excreted in human milk. Dapagliflozin was present in rat milk at a milk/plasma ratio of 0.49 indicating that dapagliflozin and its metabolites are transferred into milk at a concentration that is approximately 50% of that in maternal plasma. Juvenile rats directly exposed to dapagliflozin showed risk to the developing kidney (renal pelvic and tubular dilatations) during maturation.

8.4 Pediatric Use
Safety and effectiveness of FARXIGA in pediatric patients under 18 years of age have not been established.

8.5 Geriatric Use
No FARXIGA dosage change is recommended based on age. A total of 1424 (24%) of the 5936 FARXIGA-treated patients were 65 years and older and 207 (3.5%) patients were 75 years and older in a pool of 21 double-blind, controlled, clinical safety and efficacy studies of FARXIGA. After controlling for level of renal function (eGFR), efficacy was similar for patients under age 65 years and those 65 years and older. In patients ≥65 years of age, a higher proportion of patients treated with FARXIGA had adverse reactions related to volume depletion and renal impairment or failure compared to patients treated with placebo [see Warnings and Precautions (5.1) and Adverse Reactions (6.1)].

8.6 Renal Impairment
The safety and efficacy of FARXIGA were evaluated in a study that included patients with moderate renal impairment (eGFR 30 to less than 60 mL/min/1.73 m²). Compared to placebo-treated patients, patients with moderate renal impairment treated with FARXIGA did not have improvement in glycemic control [see Clinical Studies (14.7)] and had more renal-related adverse reactions and more bone fractures [see Dosage and Administration (2.2), Warnings and Precautions (5.3), and Adverse Reactions (6.1)]; therefore, FARXIGA initiation is not recommended in this population. Based on its mechanism of action, FARXIGA is not expected to be effective in patients with severe renal impairment (eGFR less than 30 mL/min/1.73 m²) or ESRD [see Contraindications (4)].

8.7 Hepatic Impairment
No dose adjustment is recommended for patients with mild, moderate, or severe hepatic impairment. However, the benefit-risk for the use of dapagliflozin in patients with severe hepatic impairment should be individually assessed since the safety and efficacy of dapagliflozin have not been specifically studied in this population [see Clinical Pharmacology (12.3)].

10 OVERDOSAGE
There were no reports of overdose during the clinical development program for FARXIGA.

In the event of an overdose, contact the Poison Control Center. It is also reasonable to employ supportive measures, as dictated by the patient’s clinical status. The removal of dapagliflozin by hemodialysis has not been studied.

11 DESCRIPTION
Dapagliflozin is described chemically as D-glucitol, 1,5-anhydro-1-[(4-chloro-3-[(4-etoxophenyl)methyl]phenyl)-, (1S)-, compounded with (2S)-1,2-propanediol, hydrate (1:1:1). The empirical formula is C_{21}H_{25}ClO_{6} • C_{3}H_{8}O_{2} • H_{2}O and the molecular weight is 502.98. The structural formula is:

FARXIGA is available as a film-coated tablet for oral administration containing the equivalent of 5 mg dapagliflozin as dapagliflozin propanediol or the equivalent of 10 mg dapagliflozin as dapagliflozin propanediol, and the following inactive ingredients: microcrystalline cellulose, anhydrous lactose, croscarmellose, silicon dioxide, and magnesium stearate. In addition, the film coating contains the following inactive ingredients: polyvinyl alcohol, titanium dioxide, polyethylene glycol, talc, and yellow iron oxide.

12 CLINICAL PHARMACOLOGY
12.1 Mechanism of Action
Sodium-glucose cotransporter 2 (SGLT2), expressed in the proximal renal tubules, is responsible for the majority of the reabsorption of filtered glucose from the tubular lumen. Dapagliflozin is an inhibitor of SGLT2. By inhibiting SGLT2, dapagliflozin reduces reabsorption of filtered glucose and lowers the renal threshold for glucose, and thereby increases urinary glucose excretion.

12.2 Pharmacodynamics
General
Increases in the amount of glucose excreted in the urine were observed in healthy subjects and in patients with type 2 diabetes mellitus following the administration of dapagliflozin (see Figure 1). Dapagliflozin doses of 5 or 10 mg per day in patients with type 2 diabetes mellitus for 12 weeks resulted in excretion of approximately 70 grams of glucose in the urine per day at Week 12. A near maximum glucose excretion was observed at the dapagliflozin daily dose of 20 mg. This urinary glucose excretion with dapagliflozin also results in increases in urinary volume [see Adverse Reactions (6.1)].

Figure 1: Scatter Plot and Fitted Line of Change from Baseline in 24-Hour Urinary Glucose Amount versus Dapagliflozin Dose in Healthy Subjects and Subjects with Type 2 Diabetes Mellitus (T2DM) (Semi-Log Plot)

Cardiac Electrophysiology
Dapagliflozin was not associated with clinically meaningful prolongation of QTC interval at daily doses up to 150 mg (15 times the recommended maximum dose) in a study of healthy subjects. In addition, no clinically meaningful effect on QTC interval was observed following single doses of up to 500 mg (50 times the recommended maximum dose) of dapagliflozin in healthy subjects.

12.3 Pharmacokinetics
Absorption
Following oral administration of dapagliflozin, the maximum plasma concentration (C_{max}) is usually attained within 2 hours under fasting state. The C_{max} and AUC values increase dose proportionally with increase in dapagliflozin dose in the therapeutic dose range. The absolute oral bioavailability of dapagliflozin following the administration of a 10 mg dose is 78%. Administration of dapagliflozin with a high-fat meal decreases its C_{max} by up to 50% and prolongs T_{max} by approximately 1 hour, but does not alter AUC as compared with the fasted state. These changes are not considered to be clinically meaningful and dapagliflozin can be administered with or without food.

Distribution
Dapagliflozin is approximately 91% protein bound. Protein binding is not altered in patients with renal or hepatic impairment.

Metabolism
The metabolism of dapagliflozin is primarily mediated by UGT1A9; CYP-mediated metabolism is a minor pathway in humans. Dapagliflozin is extensively metabolized, primarily to yield dapagliflozin-3-O-glucuronide, which is an inactive metabolite. Dapagliflozin-3-O-glucuronide accounted for 61% of a 50 mg [¹⁴C]-dapagliflozin dose and is the predominant drug-related component in human plasma.

Elimination
Dapagliflozin and related metabolites are primarily eliminated via the renal pathway. Following a single 50 mg dose of [¹³C]-dapagliflozin, 75% and 21% total radioactivity is excreted in urine and feces, respectively. In urine, less than 2% of the dose is
excreted as parent drug. In feces, approximately 15% of the dose is excreted as parent drug. The mean plasma terminal half-life (t 1/2) for dapagliflozin is approximately 12.9 hours following a single oral dose of FARXIGA 10 mg.

Specific Populations

Renal Impairment

At steady state (20 mg once-daily dapagliflozin for 7 days), patients with type 2 diabetes with mild, moderate, or severe renal impairment (as determined by eGFR) had geometric mean systemic exposures of dapagliflozin that were 45%, 2.04-fold, and 3.03-fold higher, respectively, as compared to patients with type 2 diabetes with normal renal function. Higher systemic exposure of dapagliflozin in patients with type 2 diabetes mellitus with renal impairment did not result in a correspondingly higher 24-hour urinary glucose excretion. The steady-state 24-hour urinary glucose excretion in patients with type 2 diabetes and mild, moderate, and severe renal impairment was known in patients with type 2 diabetes mellitus with renal impairment did not result in a correspondingly higher 24-hour urinary glucose excretion. The steady-state 24-hour urinary glucose excretion in patients with type 2 diabetes with normal renal function. The impact of hemodialysis on dapagliflozin exposure is not known [see Dosage and Administration (2.2), Warnings and Precautions (5.3), Use in Specific Populations (8.6), and Clinical Studies (14.7)].

Hepatic Impairment

Cmax and AUC of dapagliflozin were up to 40% and 67% higher, respectively, as compared to healthy matched control subjects following single-dose administration. In feces, approximately 15% of the dose is excreted as parent drug. In patients with type 2 diabetes and mild, moderate, and severe renal impairment was 24-hour urinary glucose excretion. The steady-state 24-hour urinary glucose excretion in patients with type 2 diabetes with normal renal function. Higher systemic exposure of dapagliflozin in patients with type 2 diabetes mellitus with renal impairment did not result in a correspondingly higher 24-hour urinary glucose excretion. The steady-state 24-hour urinary glucose excretion in patients with type 2 diabetes with normal renal function. The impact of hemodialysis on dapagliflozin exposure is not known [see Dosage and Administration (2.2), Warnings and Precautions (5.3), Use in Specific Populations (8.6), and Clinical Studies (14.7)].

Effects of Age, Gender, Race, and Body Weight on Pharmacokinetics

Based on a population pharmacokinetic analysis, age, gender, race, and body weight do not have a clinically meaningful effect on the pharmacokinetics of dapagliflozin and thus, no dose adjustment is recommended.

Pediatric

Pharmacokinetics in the pediatric population has not been studied.

Drug Interactions

In Vitro Assessment of Drug Interactions

In vitro studies, dapagliflozin and dapagliflozin 3-O-glucuronide neither inhibited CYP 1A2, 2C9, 2C19, 2B6, or 3A4, nor induced CYP 1A2, 2B6, or 3A4. Dapagliflozin or dapagliflozin 3-O-glucuronide did not meaningfully inhibit P-gp, OCT2, OCT1, or OAT3 active transporters. Dapagliflozin or dapagliflozin 3-O-glucuronide did not meaningfully inhibit P-gp, OCT2, OCT1, or OAT3 active transporters. Overall, dapagliflozin is unlikely to affect the pharmacokinetics of concurrently administered medications that are P-gp, OCT2, OCT1, or OAT3 substrates.

Effects of Other Drugs on Dapagliflozin

Table 6 shows the effect of coadministered drugs on the pharmacokinetics of dapagliflozin. No dose adjustments are recommended for dapagliflozin.

Table 6: Effects of Coadministered Drugs on Dapagliflozin Systemic Exposure

<table>
<thead>
<tr>
<th>Coadministered Drug</th>
<th>Dapagliflozin Cmax (% Change [90% CI])</th>
<th>Dapagliflozin AUC (% Change [90% CI])</th>
</tr>
</thead>
<tbody>
<tr>
<td>No dosing adjustments required for the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral Antidiabetic Agents</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metformin (1000 mg)</td>
<td>20 mg</td>
<td>--</td>
</tr>
<tr>
<td>Pioglitazone (45 mg)</td>
<td>50 mg</td>
<td>--</td>
</tr>
<tr>
<td>Sitagliptin (100 mg)</td>
<td>20 mg</td>
<td>--</td>
</tr>
<tr>
<td>Glimepiride (4 mg)</td>
<td>20 mg</td>
<td>--</td>
</tr>
<tr>
<td>Voglibose (0.2 mg three times daily)</td>
<td>10 mg</td>
<td>--</td>
</tr>
<tr>
<td>Other Medications</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hydrochlorothiazide (25 mg)</td>
<td>50 mg</td>
<td>--</td>
</tr>
<tr>
<td>Bumetanide (1 mg)</td>
<td>10 mg once daily for 7 days</td>
<td>--</td>
</tr>
<tr>
<td>Valsartan (320 mg)</td>
<td>20 mg</td>
<td>↓12% [↓13%, ↓20%]</td>
</tr>
<tr>
<td>Simvastatin (40 mg)</td>
<td>20 mg</td>
<td>--</td>
</tr>
<tr>
<td>Anti-infective Agent</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rifaximin (600 mg once daily for 6 days)</td>
<td>10 mg</td>
<td>↓7% [↓12%, ↓11%]</td>
</tr>
<tr>
<td>Nonsteroidal Anti-inflammatory Agent</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mefenamic acid (loading dose of 500 mg followed by 14 doses of 250 mg every 6 hours)</td>
<td>10 mg</td>
<td>↑13% [↑13%, 124%]</td>
</tr>
</tbody>
</table>

Table 7: Effects of Dapagliflozin on the Systemic Exposures of Coadministered Drugs

<table>
<thead>
<tr>
<th>Coadministered Drug (Dose Regimen)*</th>
<th>Dapagliflozin (Dose Regimen)*</th>
<th>Effect on Coadministered Drug Exposure (% Change [90% CI])</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metformin (1000 mg)</td>
<td>20 mg</td>
<td>--</td>
</tr>
<tr>
<td>Pioglitazone (45 mg)</td>
<td>50 mg</td>
<td>↓7% [↓13%, 124%]</td>
</tr>
<tr>
<td>Sitagliptin (100 mg)</td>
<td>20 mg</td>
<td>--</td>
</tr>
<tr>
<td>Glimepiride (4 mg)</td>
<td>20 mg</td>
<td>↑13% [↑13%, 124%]</td>
</tr>
<tr>
<td>Hydrochlorothiazide (25 mg)</td>
<td>50 mg</td>
<td>--</td>
</tr>
<tr>
<td>Bumetanide (1 mg)</td>
<td>10 mg once daily for 7 days</td>
<td>--</td>
</tr>
<tr>
<td>Valsartan (320 mg)</td>
<td>20 mg</td>
<td>↓6% [↓24%, 116%]</td>
</tr>
<tr>
<td>Simvastatin (40 mg)</td>
<td>20 mg</td>
<td>--</td>
</tr>
<tr>
<td>Digoxin (0.25 mg)</td>
<td>20 mg loading dose than 10 mg once daily for 7 days</td>
<td>--</td>
</tr>
<tr>
<td>Warfarin (25 mg)</td>
<td>20 mg loading dose than 10 mg once daily for 7 days</td>
<td>--</td>
</tr>
</tbody>
</table>

† = no change (geometric mean ratio of test: reference within 0.80 to 1.25); ↓ or ↑ = parameter was lower or higher, respectively, with coadministration compared to the other medicine administered alone (geometric mean ratio of test: reference was lower than 0.80 or higher than 1.25). Single dose unless otherwise noted. AUC = AUC(INF) for drugs given as single dose and AUC = AUC(TAU) for drugs given in multiple doses.

13 NONCLINICAL TOXICOLOGY

13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility

Dapagliflozin did not induce tumors in either mice or rats at any of the doses evaluated in 2-year carcinogenicity studies. Oral doses in mice consisted of 5, 15, and 40 mg/kg/day in males and 2, 10, and 20 mg/kg/day in females, and oral doses in rats were 0.5, 2, and 10 mg/kg/day for both males and females. The highest doses evaluated in mice were approximately 72 times (males) and 105 times (females) the clinical dose of 10 mg per day based on AUC exposure. In rats, the highest dose was approximately 131 times (males) and 186 times (females) the clinical dose of 10 mg per day based on AUC exposure.

Dapagliflozin was negative in the Ames mutagenicity assay and was positive in a series of in vitro clastogenicity assays in the presence of S9 activation and at concentrations ≥100 μg/mL. Dapagliflozin was negative for clastogenicity in a series of in vivo studies evaluating micronuclei or DNA repair in rats at exposure multiples >2100 times the clinical dose.

There was no carcinogenicity or mutagenicity signal in animal studies, suggesting that dapagliflozin does not represent a genotoxic risk to humans.

Dapagliflozin had no effects on mating, fertility, or early embryonic development in treated male or female rats at exposure multiples ≤1708 times and 998 times the maximum recommended human dose in males and females, respectively.

14 CLINICAL STUDIES

14.1 Overview of Clinical Studies of FARXIGA for Type 2 Diabetes

FARXIGA has been studied as monotherapy, in combination with metformin, pioglitazone, sulfonylureas (glimepiride), sitagliptin (with or without metformin), and in combination with a GLP-1 receptor agonist (exenatide extended-release) added-on to metformin. FARXIGA has also been studied in patients with type 2 diabetes and moderate renal impairment.

Treatment with FARXIGA as monotherapy and in combination with metformin, glimepiride, pioglitazone, sitagliptin, or insulin produced statistically significant improvements in mean change from baseline at Week 24 in HbA1c compared to placebo. Reductions in HbA1c were seen across subgroups including gender, age, race, duration of disease, and baseline BMI.

14.2 Monotherapy

A total of 840 treatment-naive patients with inadequately controlled type 2 diabetes participated in 2 placebo-controlled studies to evaluate the safety and efficacy of monotherapy with FARXIGA.

In 1 monotherapy study, a total of 558 treatment-naive patients with inadequately controlled diabetes participated in a 24-week study. Following a 2-week diet and exercise placebo lead-in period, 485 patients with HbA1c >7% and ≤10% were randomized to FARXIGA 5 mg or FAROXA 10 mg once daily in either the morning (QAM, main cohort) or evening (QPM), or placebo.

At Week 24, treatment with FARXIGA 10 mg QAM provided significant improvements in HbA1c and FPG compared with placebo (see Table 8).
14.3 Initial Combination Therapy with Metformin XR

A total of 1241 treatment-naïve patients with inadequately controlled type 2 diabetes (HbA1c ≥7.5% and ≤12%) participated in 2 active-controlled studies of 24-week duration to evaluate initial therapy with FARXIGA 5 mg or 10 mg in combination with metformin extended-release (XR) formulation.

In 1 study, 638 patients were randomized to 1 of 3 treatment arms following a 1-week lead-in period: FARXIGA 10 mg plus metformin XR (up to 2000 mg per day), FARXIGA 10 mg plus placebo, or metformin XR (up to 2000 mg per day) plus placebo. Metformin XR dose was up-titrated weekly in 500 mg increments, as tolerated, with a median dose achieved of 2000 mg.

The combination treatment of FARXIGA 10 mg plus metformin XR provided statistically significant improvements in HbA1c and FPG compared with either of the monotherapy treatments and statistically significant reduction in body weight compared with metformin XR alone (see Table 9 and Figure 2).

In a second study, 603 patients were randomized to 1 of 3 treatment arms following a 1-week lead-in period: FARXIGA 5 mg plus metformin XR (up to 2000 mg per day), FARXIGA 5 mg plus placebo, or metformin XR (up to 2000 mg per day) plus placebo. Metformin XR dose was up-titrated weekly in 500 mg increments, as tolerated, with a median dose achieved of 2000 mg.

The combination treatment of FARXIGA 5 mg plus metformin XR provided statistically significant improvements in HbA1c and FPG compared with either of the monotherapy treatments and statistically significant reduction in body weight compared with metformin XR alone (see Table 10).

Table 8: Results at Week 24 (LOCF*) in a Placebo-Controlled Study of FARXIGA Monotherapy in Patients with Type 2 Diabetes (Main Cohort AM Doses)

<table>
<thead>
<tr>
<th>Efficacy Parameter</th>
<th>FARXIGA 10 mg N=70†</th>
<th>FARXIGA 5 mg N=64‡</th>
<th>Placebo N=75§</th>
</tr>
</thead>
<tbody>
<tr>
<td>HbA1c (%)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Baseline (mean)</td>
<td>8.0</td>
<td>7.8</td>
<td>7.8</td>
</tr>
<tr>
<td>Change from baseline (adjusted mean1*)</td>
<td>−0.9</td>
<td>−0.8</td>
<td>−0.2</td>
</tr>
<tr>
<td>Difference from placebo (adjusted mean2*) (95% CI)</td>
<td>−0.7†‡</td>
<td>(−1.0, −0.4)</td>
<td>−0.5</td>
</tr>
<tr>
<td>Percent of patients achieving HbA1c &lt;7% adjusted for baseline</td>
<td>50.8%‡</td>
<td>44.2%§</td>
<td>31.6%</td>
</tr>
<tr>
<td>FPG (mg/dL)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Baseline (mean)</td>
<td>166.6</td>
<td>157.2</td>
<td>159.9</td>
</tr>
<tr>
<td>Change from baseline (adjusted mean2*)</td>
<td>−28.8</td>
<td>−24.1</td>
<td>−4.1</td>
</tr>
<tr>
<td>Difference from placebo (adjusted mean2*) (95% CI)</td>
<td>−24.7†‡</td>
<td>(−35.7, −13.6)</td>
<td>−19.9</td>
</tr>
</tbody>
</table>

* LOCF: last observation (prior to rescue for rescued patients) carried forward.
† All randomized patients who took at least one dose of double-blind study medication during the short-term double-blind period.
‡ Least squares mean adjusted for baseline value.
§ p-value <0.0001 versus placebo. Sensitivity analyses yielded smaller estimates of treatment difference with placebo.
¶ Not evaluated for statistical significance as a result of the sequential testing procedure for the secondary endpoints.

Table 9: Results at Week 24 (LOCF*) in an Active-Controlled Study of FARXIGA Initial Combination Therapy with Metformin XR

<table>
<thead>
<tr>
<th>Efficacy Parameter</th>
<th>FARXIGA 10 mg + Metformin XR N=219†</th>
<th>FARXIGA 5 mg + Metformin XR N=219‡</th>
<th>Metformin XR N=208§</th>
</tr>
</thead>
<tbody>
<tr>
<td>HbA1c (%)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Baseline (mean)</td>
<td>9.1</td>
<td>9.0</td>
<td>9.0</td>
</tr>
<tr>
<td>Change from baseline (adjusted mean1*)</td>
<td>−2.0</td>
<td>−1.3</td>
<td>−1.4</td>
</tr>
<tr>
<td>Difference from FARXIGA (adjusted mean2*) (95% CI)</td>
<td>−0.5†</td>
<td>(−0.7, −0.3)</td>
<td>0.0‡</td>
</tr>
<tr>
<td>Difference from metformin XR (adjusted mean2*) (95% CI)</td>
<td>−0.5†‡</td>
<td>(−0.8, −0.3)</td>
<td>0.0‡</td>
</tr>
<tr>
<td>Percent of patients achieving HbA1c &lt;7% adjusted for baseline</td>
<td>46.6%‡</td>
<td>31.7%§</td>
<td>35.2%</td>
</tr>
<tr>
<td>FPG (mg/dL)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Baseline (mean)</td>
<td>189.6</td>
<td>197.5</td>
<td>189.9</td>
</tr>
<tr>
<td>Change from baseline (adjusted mean1*)</td>
<td>−66.4</td>
<td>−46.4</td>
<td>−34.8</td>
</tr>
<tr>
<td>Difference from FARXIGA (adjusted mean2*) (95% CI)</td>
<td>−13.9†</td>
<td>(−20.5, −7.0)</td>
<td>−13.9†</td>
</tr>
<tr>
<td>Difference from metformin XR (adjusted mean2*) (95% CI)</td>
<td>−25.5†‡</td>
<td>(−32.6, −18.5)</td>
<td>−11.6†‡</td>
</tr>
<tr>
<td>Body Weight (kg)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Baseline (mean)</td>
<td>88.6</td>
<td>88.5</td>
<td>87.2</td>
</tr>
<tr>
<td>Change from baseline (adjusted mean1*)</td>
<td>−3.3</td>
<td>−2.7</td>
<td>−1.4</td>
</tr>
<tr>
<td>Difference from metformin XR (adjusted mean2*) (95% CI)</td>
<td>−2.0†</td>
<td>(−2.6, −1.3)</td>
<td>−1.4‡</td>
</tr>
</tbody>
</table>

† LOCF: last observation (prior to rescue for rescued patients) carried forward.
‡ All randomized patients who took at least one dose of double-blind study medication during the short-term double-blind period.
§ Least squares mean adjusted for baseline value.
¶ p-value <0.0001.
§ p-value <0.05.

14.4 Add-on to Metformin

A total of 546 patients with type 2 diabetes with inadequate glycemic control (HbA1c ≥7% and ≤10%) participated in a 24-week, placebo-controlled study to evaluate FARXIGA in combination with metformin. Patients on metformin at a dose of at least 1500 mg per day were randomized after completing a 2-week, single-blind, placebo lead-in period. Following the lead-in period, eligible patients were randomized to FARXIGA 5 mg, FARXIGA 10 mg, or placebo in addition to their current dose of metformin.

As add-on treatment to metformin, FARXIGA 10 mg provided statistically significant improvements in HbA1c and FPG, and statistically significant reduction in body weight compared with placebo at Week 24 (see Table 11 and Figure 3). Statistically significant (p<0.05 for both doses) mean changes from baseline in systolic blood pressure relative to placebo plus metformin were −4.5 mmHg and −5.3 mmHg with FARXIGA 5 mg and 10 mg plus metformin, respectively.
At the end of the titration period, 87% of patients treated with FARXIGA had been down-titrated or to the highest dose level (up to glipizide 20 mg and FARXIGA 10 mg) as tolerated. Thereafter, doses were kept constant, except for down-titration to prevent body weight increase over 6.5% and ≤10% (adjusted mean‡) were randomized in a 52-week, glipizide-controlled, noninferiority study comparing FARXIGA to glipizide plus metformin.

In combination with glipizide, FARXIGA 10 mg provided statistically significant improvement in HbA1c, FPG, and 2-hour PPG, and statistically significant reduction in body weight compared with placebo plus glipizide at Week 24 (see Table 13). Statistically significant (p<0.005 for both doses) mean changes from baseline in systolic blood pressure relative to placebo plus glipizide were −2.8 mmHg and −3.8 mmHg with FARXIGA 5 mg and 10 mg plus glipizide, respectively.

14.6 Add-On Combination Therapy with Other Antidiabetic Agents

Add-On Combination Therapy with a Sulfonylurea

A total of 597 patients with type 2 diabetes and inadequate glycemic control (HbA1c ≥7% and ≤10%) were randomized in this 24-week, placebo-controlled study to evaluate FARXIGA in combination with glipizide (a sulfonylurea). Patients on at least half the maximum recommended dose of glimepiride or metformin who had inadequate glycemic control (HbA1c ≥7% and ≤10% at randomization), and who had inadequate glycemic control (HbA1c ≥7% and ≤10% at randomization), participated in a 24-week, placebo-controlled study to evaluate FARXIGA in combination with pioglitazone (a TZD) alone. Patients on a stable dose of pioglitazone (placebo-corrected mean change for HbA1c −0.40; n=110) compared with placebo-corrected mean change for HbA1c −0.17 (n=112) and for each stratum (pioglitazone alone or sitagliptin with pioglitazone). Thirty-seven percent (37%) of patients were drug noninferior to glipizide + metformin. Least squares mean adjusted for baseline value.

14.5 Active Glipizide-Controlled Study Add-On to Metformin

A total of 816 patients with type 2 diabetes with inadequate glycemic control (HbA1c ≥6.5% and ≤10%) were randomized in a 52-week, glipizide-controlled, noninferiority study to evaluate FARXIGA as add-on therapy to metformin. Patients on metformin at a dose of at least 1500 mg per day were randomized following a 2-week placebo lead-in period to glipizide or dapagliflozin (5 mg or 2.5 mg, respectively) and were up-titrated over 16 weeks to optimal glycemic effect (FPG <110 mg/dL, <8.1 mmol/L) or to the highest dose level (up to glipizide 20 mg and FARXIGA 10 mg) as tolerated by patients. Thereafter, doses were kept constant, except for down-titration to prevent hypoglycemia.

At the end of the titration period, 87% of patients treated with FARXIGA had been titrated to the maximum study dose (10 mg) versus 73% treated with glipizide (20 mg). FARXIGA led to a similar mean reduction in HbA1c from baseline at Week 52 (LOCF). Compared with glipizide, thus demonstrating noninferiority (see Table 12), FARXIGA treatment led to a statistically significant mean reduction in body weight from baseline at Week 52 (LOCF) compared with a mean increase in body weight in the glipizide group. Statistically significant (p<0.0001) mean change from baseline in systolic blood pressure relative to glipizide plus metformin was −5.0 mmHg with FARXIGA plus metformin.

Table 12: Results at Week 52 (LOCF*) in an Active-Controlled Study Comparing FARXIGA to Glipizide as Add-On to Metformin

<table>
<thead>
<tr>
<th>Efficacy Parameter</th>
<th>FARXIGA + Metformin (N=401)</th>
<th>Glipizide + Metformin (N=401)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HbA1c (%)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Baseline (mean)</td>
<td>7.7</td>
<td>7.7</td>
</tr>
<tr>
<td>Change from baseline (adjusted mean)</td>
<td>−0.5</td>
<td>−0.5</td>
</tr>
<tr>
<td>Difference from glipizide + metformin (adjusted mean)</td>
<td>0.0</td>
<td>(−0.1, 0.1)</td>
</tr>
</tbody>
</table>

* LOCF: last observation prior to rescue for rescued patients carried forward. Randomized and treated patients with baseline and at least 1 postbaseline efficacy measurement.

† Least squares mean adjusted for baseline value.
‡ p-value <0.005 versus placebo + metformin.
Add-On Combination Therapy with Insulin

A total of 808 patients with type 2 diabetes who had inadequate glycemic control (HbA1c ≥7.5% and ≤10.5%) were randomized in a 24-week, placebo-controlled study to evaluate FARXIGA as add-on therapy to insulin. Patients on a stable insulin regimen, with a mean dose of at least 30 IU of injectable insulin per day, for a period of at least 8 weeks prior to enrollment and on a maximum of 2 oral antidiabetic medications (OADs), including metformin, were randomized after completing a 2-week enrollment period to receive either FARXIGA 5 mg, FARXIGA 10 mg, or placebo in addition to their current dose of insulin and other OADs, if applicable. Patients were stratified according to the presence or absence of background OADs. Up- or down-titration of insulin was only permitted during the treatment phase in patients who failed to meet specific glycemic goals. Dose modifications of blinded study medication or OAD(s) were not allowed during the treatment phase, with the exception of decreasing OAD(s) where there were concerns over hypoglycemia after cessation of insulin therapy.

In this study, 50% of patients were on insulin monotherapy at baseline, while 50% were on 2 or 2 OADs in addition to insulin. At Week 24, FARXIGA 10 mg dose provided statistically significant improvement in HbA1c and reduction in mean insulin dose, and a statistically significant reduction in body weight compared with placebo in combination with insulin, with or without up to 2 OADs (see Table 13); the effect of FARXIGA on HbA1c was similar in patients treated with insulin alone and patients treated with insulin plus OAD. Statistically significant (p<0.05) mean change from baseline in systolic blood pressure relative to placebo in combination with insulin was −3.0 mmHg with FARXIGA 10 mg in combination with insulin. At Week 24, FARXIGA 5 mg (−5.7 IU, difference from placebo) and 10 mg (−6.2 IU, difference from placebo) once daily resulted in a statistically significant reduction in mean daily insulin dose (p<0.0001 for both doses) compared to placebo in combination with insulin, and a statistically significantly higher proportion of patients on FARXIGA 10 mg (19.6%) reduced their insulin dose by at least 10% compared to placebo (11.0%).

Table 13: Results of 24-Week (LOCF*) Placebo-Controlled Studies of FARXIGA in Combination with Antidiabetic Agents

<table>
<thead>
<tr>
<th>Efficacy Parameter</th>
<th>FARXIGA 10 mg</th>
<th>FARXIGA 5 mg</th>
<th>Placebo</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intent-to-Treat Population N=140†</td>
<td>N=141†</td>
<td>N=139†</td>
<td></td>
</tr>
<tr>
<td>HbA1c (%)</td>
<td>8.4</td>
<td>8.4</td>
<td>8.3</td>
</tr>
<tr>
<td>Change from baseline (adjusted mean‡)</td>
<td>−1.0</td>
<td>−0.8</td>
<td>−0.4</td>
</tr>
<tr>
<td>Difference from placebo (adjusted mean§) (95% CI)</td>
<td>−0.6†</td>
<td>−0.4†</td>
<td>(−0.8, −0.3)</td>
</tr>
<tr>
<td>Percent of patients achieving HbA1c &lt;7% adjusted for baseline</td>
<td>38.9%§</td>
<td>32.5%§</td>
<td>22.4% §</td>
</tr>
<tr>
<td>FPG (mg/dL)</td>
<td>Baseline</td>
<td>164.9</td>
<td>168.3</td>
</tr>
<tr>
<td>Change from baseline (adjusted mean‡)</td>
<td>−29.6</td>
<td>−24.9</td>
<td>−5.5</td>
</tr>
<tr>
<td>Difference from placebo (adjusted mean§) (95% CI)</td>
<td>−19.3†</td>
<td>(−32.2, −16.1)</td>
<td>(−27.5, −11.4)</td>
</tr>
<tr>
<td>Body Weight (kg)</td>
<td>Baseline</td>
<td>306.0</td>
<td>284.8</td>
</tr>
<tr>
<td>Change from baseline (adjusted mean‡)</td>
<td>−67.5</td>
<td>−65.1</td>
<td>−14.1</td>
</tr>
<tr>
<td>Difference from placebo (adjusted mean§) (95% CI)</td>
<td>−51.0†</td>
<td>(−71.1, −35.6)</td>
<td>(−68.7, −33.2)</td>
</tr>
</tbody>
</table>

Table 13: Results of 24-Week (LOCF*) Placebo-Controlled Studies of FARXIGA in Combination with Metformin and a Sulfonylurea

<table>
<thead>
<tr>
<th>Efficacy Parameter</th>
<th>FARXIGA 10 mg</th>
<th>FARXIGA 5 mg</th>
<th>Placebo</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intent-to-Treat Population N=194†</td>
<td>N=211†</td>
<td>N=193†</td>
<td></td>
</tr>
<tr>
<td>HbA1c (%)</td>
<td>8.6</td>
<td>8.6</td>
<td>8.5</td>
</tr>
<tr>
<td>Change from baseline (adjusted mean‡)</td>
<td>−0.9</td>
<td>−0.8</td>
<td>−0.3</td>
</tr>
<tr>
<td>Difference from placebo (adjusted mean§) (95% CI)</td>
<td>−0.5†</td>
<td>(−0.7, −0.5)</td>
<td>(−0.7, −0.4)</td>
</tr>
<tr>
<td>FPG (mg/dL)</td>
<td>Baseline</td>
<td>175.7</td>
<td>NT*</td>
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<tr>
<td>Change from baseline (adjusted mean‡)</td>
<td>−21.7</td>
<td>NT*</td>
<td>3.3</td>
</tr>
<tr>
<td>Difference from placebo (adjusted mean§) (95% CI)</td>
<td>−25.0†</td>
<td>(−34.3, −15.8)</td>
<td>NT*</td>
</tr>
<tr>
<td>Body Weight (kg)</td>
<td>Baseline</td>
<td>94.6</td>
<td>93.2</td>
</tr>
<tr>
<td>Change from baseline (adjusted mean‡)</td>
<td>−1.7</td>
<td>−1.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Difference from placebo (adjusted mean§) (95% CI)</td>
<td>−1.0†</td>
<td>(−2.2, −1.2)</td>
<td>(−1.5, −0.5)</td>
</tr>
</tbody>
</table>

* LOCF: last observation prior to rescue for rescued patients carried forward.
† Randomized and treated patients with baseline and at least 1 post baseline efficacy measurement.
‡ Least squares mean adjusted for baseline value based on an ANCOVA model.
§ Least squares mean adjusted for baseline value based on a longitudinal repeated measures model.
¶ p-value <0.0001 versus placebo.
† 2-hour PPG level as a response to a 75-gram oral glucose tolerance test (OGTT).
* All randomized patients who took at least one dose of double-blind study medication during the short-term, double-blind period.
* p-value <0.05 versus placebo.
* NT: Not formally tested because of failing to achieve a statistically significant difference in an endpoint that was earlier in the testing sequence.
Combination Therapy with Exenatide-Extended Release as Add-On to Metformin

A total of 604 adult patients with type 2 diabetes and inadequate glycemic control (HbA1c >3.0 and ≤12.0%) on metformin, were evaluated in a 28-week double-blind, active-controlled study to compare FARXIGA in combination with exenatide extended-release (a GLP-1 receptor agonist) to FARXIGA alone and exenatide extended-release alone, as add-on to metformin (NCT02229396). Patients on metformin at a dose of at least 1,500 mg per day were randomized following a 1-week placebo lead-in period to receive either FARXIGA 10 mg once daily (QD) in combination with exenatide extended-release 2 mg once weekly (OW), FARXIGA 10 mg QD, or exenatide extended-release 2 mg OW.

At Week 28, FARXIGA in combination with exenatide extended-release provided statistically significantly greater reductions in HbA1c (-1.77%) compared to FARXIGA alone (-1.32%, p=0.001) and exenatide extended-release alone (-1.42%, p=0.012). FARXIGA in combination with exenatide extended-release provided statistically significantly greater reductions in FPG (-57.35 mg/dL) compared to FARXIGA alone (-44.72 mg/dL, p=0.006) and exenatide extended-release alone (-40.53, p <0.001).

14.7 Use in Patients with Type 2 Diabetes and Renal Impairment

The efficacy of FARXIGA was assessed in a study of diabetic patients with moderate renal impairment (252 patients with mean eGFR 45 mL/min/1.73 m²). FARXIGA did not show efficacy in this study. The placebo-corrected mean HbA1c change at 24 weeks was −0.1% (95% CI [−0.4%, 0.2%]) for both FARXIGA 5 mg (n=83) and 10 mg (n=82).

16 HOW SUPPLIED/STORAGE AND HANDLING

How Supplied
FARXIGA (dapagliflozin) tablets have markings on both sides and are available in the strengths and packages listed in Table 14.

Table 14: FARXIGA Tablet Presentations

<table>
<thead>
<tr>
<th>Tablet Strength</th>
<th>Film-Coated Tablet Color/Shape</th>
<th>Tablet Markings</th>
<th>Package Size</th>
<th>NDC Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 mg</td>
<td>yellow, biconvex, round</td>
<td>&quot;5&quot; engraved on one side and &quot;1427&quot; engraved on the other side</td>
<td>Bottles of 30</td>
<td>0310-6205-30</td>
</tr>
<tr>
<td>10 mg</td>
<td>yellow, biconvex, diamond-shaped</td>
<td>&quot;10&quot; engraved on one side and &quot;1428&quot; engraved on the other side</td>
<td>Bottles of 30</td>
<td>0310-6210-30</td>
</tr>
</tbody>
</table>

Storage and Handling
Store at 20°C to 25°C (68°F to 77°F); excursions permitted between 15°C and 30°C (59°F and 86°F) [see USP Controlled Room Temperature].

17 PATIENT COUNSELING INFORMATION

See FDA-approved patient labeling (Medication Guide).

Instructions
Instruct patients to read the Medication Guide before starting treatment with FARXIGA and to reread it each time the prescription is renewed.

Inform patients of the potential risks and benefits of FARXIGA and of alternative modes of therapy. Also inform patients about the importance of adherence to dietary instructions, regular physical activity, periodic blood glucose monitoring and HbA1c testing, recognition and management of hypoglycemia and hyperglycemia, and assessment of diabetes complications. Advise patients to seek medical advice promptly during periods of stress such as fever, trauma, infection, or surgery, as medication requirements may change.

Instruct patients to take FARXIGA only as prescribed. If a dose is missed, advise patients to take it as soon as it is remembered unless it is almost time for the next dose, in which case patients should skip the missed dose and take the medicine at the next regularly scheduled time. Advise patients not to take two doses of FARXIGA at the same time.

Inform patients that the most common adverse reactions associated with use of FARXIGA are genital mycotic infections, nasopharyngitis, and urinary tract infections. Instruct patient to immediately inform her healthcare provider if she is pregnant or plans to become pregnant. Based on animal data, FARXIGA may cause fetal harm in the second and third trimesters of pregnancy.

Instruct patient to immediately inform her healthcare provider if she is breastfeeding or planning to breastfeed. It is not known if FARXIGA is excreted in breast milk; however, based on animal data, FARXIGA may cause harm to nursing infants.

Hypotension
Inform patients that symptomatic hypotension may occur with FARXIGA and advise them to contact their healthcare provider if they experience such symptoms [see Warnings and Precautions (5.1)]. Inform patients that dehydration may increase the risk for hypotension, and to have adequate fluid intake.
What is the most important information I should know about FARXIGA?

FARXIGA can cause serious side effects, including:

- **Dehydration.** FARXIGA can cause some people to become dehydrated (the loss of body water and salt). Dehydration may cause you to feel dizzy, faint, lightheaded, or weak, especially when you stand up (orthostatic hypotension). You may be at a higher risk of dehydration if you:
  - have low blood pressure
  - take medicines to lower your blood pressure, including water pills (diuretics)
  - are 65 years of age or older
  - are on a low salt diet
  - have kidney problems

- **Vaginal yeast infection.** Women who take FARXIGA may get vaginal yeast infections. Symptoms of a vaginal yeast infection include:
  - vaginal odor
  - white or yellowish vaginal discharge (discharge may be lumpy or look like cottage cheese)
  - vaginal itching

- **Yeast infection of the penis (balanitis).** Men who take FARXIGA may get a yeast infection of the skin around the penis. Certain men who are not circumcised may have swelling of the penis that makes it difficult to pull back the skin around the tip of the penis. Other symptoms of yeast infection of the penis include:
  - redness, itching, or swelling of the penis
  - rash of the penis
  - foul smelling discharge from the penis
  - pain in the skin around the penis

Talk to your healthcare provider about what to do if you get symptoms of a yeast infection of the vagina or penis. Your healthcare provider may suggest you use an over-the-counter antifungal medicine. Talk to your healthcare provider right away if you use an over-the-counter antifungal medication and your symptoms do not go away.

- **Bladder cancer.** In studies of FARXIGA in people with diabetes, bladder cancer occurred in a few more people who were taking FARXIGA than in people who were taking other diabetes medications. There were too few cases to know if bladder cancer was related to FARXIGA. You should not take FARXIGA if you have bladder cancer. Tell your healthcare provider right away if you have any of the following symptoms:
  - blood or a red color in your urine
  - pain while you urinate

What is FARXIGA?

FARXIGA is a prescription medicine used along with diet and exercise to lower blood sugar in adults with type 2 diabetes. FARXIGA is not for people with type 1 diabetes. FARXIGA is not for people with diabetic ketoacidosis (increased ketones in your blood or urine). It is not known if FARXIGA is safe and effective in children younger than 18 years of age.

Who should not take FARXIGA?

Do not take FARXIGA if you:

- are allergic to dapagliflozin or any of the ingredients in FARXIGA. See the end of this Medication Guide for a list of ingredients in FARXIGA. Symptoms of a serious allergic reaction to FARXIGA may include skin rash, raised red patches on your skin (hives), swelling of the face, lips, tongue, and throat that may cause difficulty in breathing or swallowing.
- have severe kidney problems or are on dialysis.

If you have any of these symptoms, stop taking FARXIGA and contact your healthcare provider or go to the nearest hospital emergency room right away.

What should I tell my healthcare provider before taking FARXIGA?

Before you take FARXIGA, tell your healthcare provider if you:

- have type 1 diabetes or have had diabetic ketoacidosis.
- have kidney problems.
- have liver problems.
- have a history of urinary tract infections or problems urinating.
- have or have had bladder cancer.
- are going to have surgery.
- are eating less due to illness, surgery or a change in your diet.
- have or have had problems with your pancreas, including pancreatitis or surgery on your pancreas.
- drink alcohol very often, or drink a lot of alcohol in the short term (“binge” drinking).
- are pregnant or plan to become pregnant. FARXIGA may harm your unborn baby. If you become pregnant while taking FARXIGA, your healthcare provider may switch you to a different medicine to control your blood sugar. Talk to your healthcare provider about the best way to control your blood sugar if you plan to become pregnant or while you are pregnant.
- are breastfeeding or plan to breastfeed. It is not known if FARXIGA passes into your breast milk. You should not breastfeed if you take FARXIGA.

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

- Take FARXIGA exactly as your healthcare provider tells you to take it.
- Do not change your dose of FARXIGA without talking to your healthcare provider.
- Take FARXIGA by mouth 1 time each day, with or without food.
- When your body is under some types of stress, such as fever, trauma (such as a car accident), infection, or surgery, the amount of diabetes medicine you need may change. Tell your healthcare provider right away if you have any of these conditions and follow your healthcare provider’s instructions.
- Stay on your prescribed diet and exercise program while taking FARXIGA.
- Your healthcare provider may do certain blood tests before you start FARXIGA and during your treatment.
- Your healthcare provider will check your diabetes with regular blood tests, including your blood sugar levels and your HbA1c.
- Follow your healthcare provider’s instructions for treating low blood sugar (hypoglycemia). Talk to your healthcare provider if low blood sugar is a problem for you.
- If you miss a dose, take it as soon as you remember. If it is almost time for your next dose, skip the missed dose and take the medicine at the next regularly scheduled time. Do not take 2 doses of FARXIGA at the same time.
- If you take too much FARXIGA, call your healthcare provider or go to the nearest emergency room right away.

What are the possible side effects of FARXIGA? FARXIGA may cause serious side effects, including:

See “What is the most important information I should know about FARXIGA?”

- **Ketoacidosis (increased ketones in your blood or urine).** Ketoacidosis has happened in people who have type 1 diabetes or type 2 diabetes, during treatment with FARXIGA. Ketoacidosis is a serious condition, which may need to be treated in a hospital. Ketoacidosis may lead to death. Ketoacidosis can happen with FARXIGA even if your blood sugar is less than 250 mg/dL. Stop taking FARXIGA and call your healthcare provider right away if you get any of the following symptoms:
  - nausea
  - vomiting
  - stomach area (abdominal) pain
  - tiredness
  - trouble breathing
  - if you get any of these symptoms during treatment with FARXIGA, if possible check for ketones in your urine, even if your blood sugar is less than 250 mg/dL.
- **Kidney problems.** Sudden kidney injury has happened to people taking FARXIGA. Talk to your doctor right away if you:
  - reduce the amount of food or liquid you drink for example, if you are sick and cannot eat or
  - you start to lose liquids from your body for example, from vomiting, diarrhea or being in the sun too long.
- **Serious urinary tract infections.** Serious urinary tract infections that may lead to hospitalization have happened in people who are taking FARXIGA. Tell your doctor if you have any signs or symptoms of a urinary tract infection such as a burning feeling when passing urine, a need to urinate often, the need to urinate right away, pain in the lower part of your stomach (pelvis), or blood in the urine. Sometimes people also may have a fever, back pain, nausea or vomiting.
- **Low blood sugar (hypoglycemia).** If you take FARXIGA with another medicine that can cause low blood sugar, such as a sulfonylurea or insulin, your risk of getting low blood sugar is higher. The dose of your sulfonylurea medicine or insulin may need to be lowered while you take FARXIGA. Signs and symptoms of low blood sugar may include:
  - headache
  - shakes or feel jittery
  - feeling weak
  - feeling confused
  - sweating
  - feeling hard to breath
  - feeling hungry
  - feeling irritable
  - fast heartbeat
- **A rare but serious bacterial infection that causes damage to the tissue under the skin (necrotizing fasciitis) in the area between and around the anus and genitals (perineum).** Necrotizing fasciitis of the perineum has happened in women and men who take FARXIGA. Necrotizing fasciitis of the perineum may lead to hospitalization, may require multiple surgeries, and may lead to death. Seek medical attention immediately if you have fever or you are feeling very weak, tired or uncomfortable (malaise) and you develop any of the following symptoms in the area between and around the anus and genitals:
  - pain or tenderness
  - swelling
  - redness of skin (erythema)
- **Increased fats in your blood (bad cholesterol or LDL)**

The most common side effects of FARXIGA include:

- vaginal yeast infections and yeast infections of the penis
- stuffy or runny nose and sore throat
- changes in urination, including urgent need to urinate more often, in larger amounts, or at night

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

How should I store FARXIGA?

Store FARXIGA at room temperature between 68°F to 77°F (20°C to 25°C).
General information about the safe and effective use of FARXIGA
Medicines are sometimes prescribed for purposes other than those listed in a Medication Guide. Do not use FARXIGA for a condition for which it is not prescribed. Do not give FARXIGA to other people, even if they have the same symptoms you have. It may harm them.

This Medication Guide summarizes the most important information about FARXIGA. If you would like more information, talk to your healthcare provider.
You can ask your pharmacist or healthcare provider for information about FARXIGA that is written for healthcare professionals.
For more information about FARXIGA, go to www.farxiga.com or call 1-800-236-9933.

<table>
<thead>
<tr>
<th>What are the ingredients in FARXIGA?</th>
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<tbody>
<tr>
<td><strong>Active ingredient:</strong> dapagliflozin.</td>
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<tr>
<td><strong>Inactive ingredients:</strong> microcrystalline cellulose, anhydrous lactose, crospovidone, silicon dioxide, and magnesium stearate. The film coating contains: polyvinyl alcohol, titanium dioxide, polyethylene glycol, talc, and yellow iron oxide.</td>
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