TARPEYO®
(budesonide) delayed release capsules • 4 mg

Touchpoints®
Support beyond the script

Formulario de inscripción

- Complete este formulario de inscripción en TARPEYO Touchpoints, que puede servir como receta
- Incluya la siguiente documentación de respaldo para la autorización previa (Prior Authorization, PA)
- Una vez recibido el formulario de inscripción, un asesor de atención se pondrá en contacto para indicarle los próximos pasos

covermymeds®

Este formulario de inscripción también está disponible en línea a través de CoverMyMeds

Documentos de respaldo
que se deben incluir con el formulario de inscripción

- ☐ Información del seguro de beneficios farmacéuticos (frente/dorso de la tarjeta)
- ☐ Documentación de la biopsia de riñón
- ☐ Resultados de análisis de laboratorio recientes: el cociente proteínas:creatinina urinario (CPCU) y la tasa de filtración glomerular estimada (TFGe)
- ☐ Historia clínica, incluida la lista de medicamentos actuales y previos
  - Inhibidor de la enzima convertidora de la angiotensina (ECA) o un antagonista de los receptores de la angiotensina (ARA), o motivo por el cual el paciente no toma iECA/ARA
  - Documentación que demuestre que el paciente ha recibido una terapia previa con corticoesteroides o el motivo por el cual este no puede recibirlos (si corresponde)

Envíe por fax el formulario completado

y los documentos de respaldo al 1-844-854-3251

TARPEYO Touchpoints están disponibles en cada paso del recorrido

Teléfono: 1-833-444-8277
Disponible de lunes a viernes, de 8:00 A. M. a 8:00 P. M., hora del Este

calliditas THERAPEUTICS

Formulario de inscripción en TARPEYO Touchpoints®

TARPEYO® (budesonide) delayed release capsules • 4 mg | Touchpoints® Support beyond the script

1-833-444-8277 • Fax: **1-844-854-3251** • **De 8:00 A. M. a 8:00 P. M., HORA DEL ESTE, de lunes a viernes**

1 INFORMACIÓN DEL PACIENTE

* No se puede iniciar la inscripción sin haber completado esto.

*Nombre del paciente	*Apellido del paciente	*Fecha de nacimiento (MM/DD/AA) / /
*Dirección	Apto. n.º	*Sexo ☐ Masculino ☐ Femenino
*Ciudad / *Estado / *C. P.	*Residente de los EE. UU. ☐ Sí ☐ No	Idioma preferido ☐ Inglés ☐ Otro:
*N.º de teléfono preferido	N.º de teléfono alternativo	Correo electrónico
*Nombre del contacto alternativo o del cuidador autorizado (si corresponde)		*Relación con el paciente (si corresponde)
*N.º de teléfono del contacto alternativo (si corresponde)		

Autorización del paciente:

_____ *Firma del paciente

____/____/____ *Fecha (MM/DD/AAAA)

☐ *He leído y aceptado la Autorización del paciente para compartir información médica que se encuentra en la página 3.

☐ *He leído y aceptado la Elegibilidad financiera para el Programa de asistencia al paciente que se encuentra en la página 3.

☐ Otorgo mi consentimiento para recibir otros recursos relacionados con mi medicamento o la nefropatía por IgA a través de mi información proporcionada en este formulario (opcional). Consulte los Términos de aceptación en la página 3.

2 SEGURO DEL PACIENTE

* **¿Tiene cobertura de seguro?** ☐ Sí ☐ No **Si respondió sí:** ☐ **He incluido una copia del frente y el dorso de mis tarjetas de seguro médico y de beneficios farmacéuticos.**

SEGURO	N.º DE TELÉFONO	N.º DE ID. DE LA PÓLIZA	N.º DE GRUPO	BIN	PCN	NOMBRE/FECHA DE NACIMIENTO DEL TITULAR DE LA PÓLIZA
Nombre del seguro de beneficios farmacéuticos						Nombre Fecha de nacimiento

3 INFORMACIÓN CLÍNICA

* Seleccione un código de diagnóstico adecuado:

☐ N02.B1 NIgA recurrente y persistente con lesión glomerular

☐ N02.B2 NIgA recurrente y persistente con lesión glomerular focal y segmentaria

☐ N02.B3 NIgA recurrente y persistente con glomerulonefritis membranoproliferativa difusa

☐ N02.B4 NIgA recurrente y persistente con glomerulonefritis membranosa difusa

☐ N02.B5 NIgA recurrente y persistente con glomerulonefritis con proliferación mesangial difusa

☐ N02.B6 NIgA recurrente y persistente con glomerulonefritis mesangiocapilar difusa

☐ N02.B9 Otro tipo de NIgA recurrente y persistente

☐ Otra:

*¿Se ha realizado al paciente una biopsia de riñón? ☐ Sí ☐ No	*Fecha de la biopsia de riñón	*CPCU (g/g): Proteinuria (g/día):
*TFGe (ml/min):	*¿El paciente está tomando iECA/ARA actualmente? ☐ Sí ☐ No	*¿El paciente está tomando algún corticoesteroide actualmente o ha tomado con anterioridad? ☐ Sí ☐ No

☐ He incluido todos los documentos de respaldo con el Formulario de inscripción, entre ellos, la documentación de la biopsia de riñón, los resultados de los análisis de laboratorio recientes (CPCU/proteinuria y TFGe) y la historia clínica, incluida la lista de medicamentos actuales y previos (como iECA/ARA y las fechas de cualquier uso previo de corticoesteroides).

4 INFORMACIÓN DEL MÉDICO PRESCRIPTOR

*Nombre del médico prescriptor	*Apellido del médico prescriptor		*N.º de NPI del médico
*Nombre del centro médico			
*Dirección		N.º de centro	N.º de licencia estatal
*Ciudad	*Estado	*C. P.	
*N.º de teléfono del consultorio	*N.º de fax del consultorio	Correo electrónico	
*Nombre de contacto del consultorio		Cargo del contacto del consultorio	
*N.º de teléfono del contacto del consultorio		Correo electrónico del contacto del consultorio	

5 *INFORMACIÓN SOBRE EL MEDICAMENTO DE VENTA CON RECETA

TARPEYO se distribuye exclusivamente a través de una farmacia especializada de PANTHERx. Seleccione la farmacia especializada de PANTHERx en caso de que se elabore una receta electrónica.

☐ TARPEYO® (budesonida) en cápsulas de liberación lenta de 4 mg: tome 4 cápsulas por vía oral 1 vez/día x 30 días N.º 120 8 reposiciones

☐ TARPEYO® (budesonida) en cápsulas de liberación lenta de 4 mg	Instrucciones	Cantidad	Reposiciones autorizadas

☐ **Prescripción de reducción gradual de dosis:** TARPEYO® (budesonida) en cápsulas de liberación lenta de 4 mg: tome 2 cápsulas por vía oral 1 vez/día x 14 días N.º 28 0 reposiciones

6 INFORMACIÓN SOBRE EL MEDICAMENTO DE VENTA CON RECETA PROVISORIA

Complete esta receta adicional y opcional para recibir un suministro limitado de TARPEYO sin costo alguno para pacientes elegibles que tengan un retraso en la cobertura del seguro.

☐ TARPEYO® (budesonida) en cápsulas de liberación lenta de 4 mg: tome 4 cápsulas por vía oral 1 vez/día x 15 días N.º 60 3 reposiciones

Autorización del médico prescriptor

Certifico que la terapia anterior es médicamente necesaria y que esta información es precisa a mi leal saber y entender. Certifico que soy el médico que le recetó TARPEYO al paciente identificado anteriormente y que le proporcioné una descripción del programa TARPEYO Touchpoints. Con el único fin de transmitir estas recetas, autorizo a TARPEYO Touchpoints y a sus representantes a reenviar, como mi agente, estas recetas a PANTHERx, una farmacia especializada, por vía electrónica, por fax o por correo.

_____ *Firma del médico prescriptor (no se permiten sellos)

____/____/____ *Fecha (MM/DD/AAAA)

Consulte la Información importante de seguridad que figura en la página 4 y la Información de prescripción completa que se acompaña. Lea atentamente las siguientes páginas y, a continuación, firme y feche donde se indica en la sección 1 de esta página.

AUTORIZACIÓN DEL PACIENTE PARA COMPARTIR INFORMACIÓN MÉDICA:

Al firmar esta Autorización para compartir información médica ("Autorización"), autorizo a mis proveedores de atención médica (incluidas mis farmacias y mis médicos), a mis aseguradoras de salud, y sus contratistas (en conjunto, las "Partes") a divulgar a Calliditas Therapeutics US Inc., su empresa matriz y sus filiales (en conjunto, "Calliditas"), y sus socios comerciales externos, proveedores, y otros agentes ("Agentes"), información sobre mis enfermedades y afecciones médicas, mis tratamientos médicos, mis medicamentos, los resultados de mis análisis médicos y mi cobertura de seguro médico ("mi Información") para los fines descritos en este formulario.

- ***Fines permitidos:*** Al firmar en la página 2, autorizo a las Partes y a Calliditas (incluidos sus Agentes) a usar y divulgar mi Información con el fin de brindar ciertos servicios de apoyo, entre los que se incluyen: **(1)** determinar si soy elegible para participar en el programa de apoyo al paciente TARPEYO Touchpoints® ("el Programa"); **(2)** administrar y mejorar el Programa; **(3)** comunicarse conmigo para conocer mi experiencia con el Programa; **(4)** enviarme materiales relacionados con el Programa; **(5)** investigar la cobertura de mi seguro médico; **(6)** solicitar la cobertura de TARPEYO® por parte del seguro médico, lo que incluye la asistencia para obtener la autorización previa para TARPEYO; **(7)** operar y administrar el Programa para facilitar los reembolsos y las reposiciones de recetas; y **(8)** comunicarse conmigo para realizar un seguimiento sobre cualquier evento adverso que pueda informar con respecto a un producto de Calliditas.
- ***Desidentificación:*** Asimismo, autorizo a Calliditas a desidentificar y utilizar mi información médica, tanto antes como después del vencimiento o retiro de esta Autorización, para realizar investigaciones, formaciones, análisis comerciales y estudios de mercado, o para otros fines comerciales, incluida la vinculación con otra información desidentificada que Calliditas pueda recibir de otras fuentes.
- **Divulgación posterior:** Comprendo que una vez que mi información se haya divulgado a Calliditas, es posible que las leyes federales de privacidad ya no la protejan de futuras divulgaciones, pero que Calliditas tiene la intención de usar y divulgar mi información solo de acuerdo con esta Autorización o según lo permita la ley.
- ***Pago a las farmacias:*** Comprendo que Calliditas puede pagarle a mi farmacia para obtener mi Información.
- ***Derecho a negarse:*** Comprendo que puedo negarme a firmar esta Autorización y que esto no afectará mi capacidad de obtener atención médica, cobertura de seguro médico o acceso a los beneficios. Sin embargo, si no firmo esta Autorización, Calliditas no podrá proveerme servicios de apoyo.
- ***Vencimiento:*** Entiendo que esta Autorización vence tres (3) años después de la fecha de mi último envío de TARPEYO, a menos que la ley aplicable exija un vencimiento anterior o que yo revoque (retire) esta Autorización antes de ese plazo.
- ***Revocación:*** Entiendo que puedo revocar esta Autorización en cualquier momento enviando una notificación por escrito que incluya mi nombre, dirección y número de teléfono a Calliditas, ATTN: TARPEYO Touchpoints, 24 Summit Park Dr, Pittsburgh, PA 15275. La revocación de esta Autorización la invalidará (y también finalizará mi participación en el Programa) para usos posteriores, pero no para el uso o la divulgación de mi Información antes de que se reciba y procese mi notificación de revocación.

Al firmar en la página 2, certifico que he leído y comprendido la Autorización para divulgar información médica personal y acepto sus términos. Entiendo que tengo derecho a recibir una copia de esta Autorización si la solicito.

TÉRMINOS DE ACEPTACIÓN PARA OTROS RECURSOS

Al marcar la casilla en la página 2, autorizo a Calliditas Therapeutics a comunicarse conmigo por correo postal, correo electrónico o teléfono en relación con otros temas de posible interés para mí, como el estado de mi enfermedad y productos, promociones, servicios y estudios de investigación. Comprendo que no estoy obligado a proporcionar este consentimiento como condición para recibir cualquier medicamento de Calliditas o servicios de apoyo al paciente de su parte.

ELEGIBILIDAD FINANCIERA PARA EL PROGRAMA DE ASISTENCIA AL PACIENTE

Entiendo que tengo la opción de otorgar mi consentimiento para que Calliditas realice una verificación electrónica de mi información financiera a fin de determinar mi elegibilidad y procesar mi solicitud para el Programa de asistencia al paciente (Patient Assistance Program, PAP) de TARPEYO Touchpoints. Al firmar la Autorización del paciente, comprendo que proporciono "instrucciones escritas" en virtud de la Ley de Informes Justos de Crédito (Fair Credit Reporting Act, FCRA), que autoriza a Calliditas a obtener información de mi perfil crediticio únicamente con el fin de determinar las calificaciones financieras para el PAP. Comprendo que esta autorización permite a Calliditas realizar este proceso según sea necesario durante mi participación en el PAP.

Certifico que la información financiera y del plan de salud que he proporcionado es completa y precisa a mi leal saber y entender. Comprendo que el PAP de TARPEYO Touchpoints incluye criterios de elegibilidad, incluida la demostración de la necesidad financiera, y que Calliditas realizará una evaluación para determinar si los cumplo. Si recibo productos gratuitos a través del PAP, no presentaré, ni solicitaré que se presente, ningún reclamo de pago o reembolso de ningún tercero pagador, incluidos los programas federales de atención médica, como Medicare o Medicaid, o los planes de seguro privado o de otro tipo, ni de ninguna otra persona o entidad por dicho producto gratuito. El costo de los productos proporcionados en virtud del PAP no se contabilizará para ningún costo de bolsillo real de Medicare. Acepto notificar a Calliditas de inmediato si: (1) obtengo cobertura de los productos proporcionados en virtud del PAP a través de otra fuente (plan de salud federal, estatal o privado) o (2) ya no cumplo con los criterios de ingreso para el PAP. Si lo requiere mi plan de salud, le notificaré sobre cualquier producto gratuito que reciba a través del PAP. Me comprometo a notificar a mi plan de Medicare que recibiré mi medicamento de forma gratuita hasta el final del año natural a través del PAP. Entiendo que debo volver a solicitar el PAP de forma anual. También comprendo que Calliditas tiene derecho, en cualquier momento y sin aviso, a modificar o interrumpir el producto gratuito que se proporciona a través del PAP.

INDICACIÓN

TARPEYO está indicado para reducir la pérdida de la función renal en adultos con nefropatía primaria por inmunoglobulina A (NIgA) que están en riesgo de que su enfermedad empeore.

INFORMACIÓN IMPORTANTE DE SEGURIDAD

CONTRAINDICACIONES

TARPEYO está contraindicado en pacientes con hipersensibilidad a la budesonida o a cualquiera de los ingredientes de TARPEYO.

Se han producido reacciones de hipersensibilidad graves, incluida la anafilaxia, con otras formulaciones de budesonida.

ADVERTENCIAS Y PRECAUCIONES

Hipercorticismo y supresión del eje suprarrenal: Cuando los corticoesteroides se usan de forma crónica, pueden producirse efectos sistémicos como el hipercorticismo y la supresión suprarrenal. Los corticoesteroides pueden reducir la respuesta del eje hipotálamo–hipofisario–suprarrenal (HHS) al estrés. Cuando los pacientes se someten a una cirugía u otras situaciones de estrés, se recomienda la suplementación con un corticoesteroide sistémico. Al interrumpir la terapia o cambiar de corticoesteroide, se debe monitorear al paciente para detectar signos de supresión del eje suprarrenal.

Los pacientes con insuficiencia hepática de moderada a grave (clase B y C de Child–Pugh, respectivamente) podrían tener un mayor riesgo de desarrollar hipercorticismo y supresión del eje suprarrenal debido a una mayor exposición sistémica a la budesonida oral. Evite su uso en pacientes con insuficiencia hepática grave (clase C de Child–Pugh). Realice un monitoreo para detectar mayores signos o síntomas de hipercorticismo en pacientes con insuficiencia hepática moderada (clase B de Child–Pugh).

Inmunosupresión y aumento del riesgo de infección: Los corticosteroides, incluido TARPEYO, suprimen el sistema inmunitario y aumentan el riesgo de infección con cualquier patógeno, incluidos los patógenos virales, bacterianos, fúngicos, protozoanos o helmínticos. Los corticosteroides pueden reducir la resistencia a nuevas infecciones, exacerbar las infecciones existentes, aumentar el riesgo de infecciones diseminadas, aumentar el riesgo de reactivación o exacerbación de infecciones latentes y enmascarar algunos signos de infección. Las infecciones asociadas con los corticosteroides a veces pueden ser graves. Monitorear para detectar infecciones y considerar el retiro de TARPEYO según sea necesario.

Evite tratar con corticoesteroides, incluido TARPEYO, a los pacientes que presentan infección por tuberculosis o hepatitis B activa o inactiva; infecciones fúngicas, bacterianas o virales sistémicas o parasitarias no tratadas; herpes simple ocular; o sarcoma de Kaposi. Evite la exposición a infecciones activas y de transmisión fácil (p. ej., varicela, sarampión). La terapia con corticoesteroides puede disminuir la respuesta inmunitaria a algunas vacunas.

Otros efectos de los corticoesteroides: TARPEYO es un corticoesteroide sistémico que se prevé que cause reacciones adversas relacionadas. Monitoree a los pacientes con hipertensión, prediabetes, diabetes mellitus, osteoporosis, úlcera péptica, glaucoma o cataratas; con antecedentes familiares de diabetes o glaucoma; o con cualquier otra afección en la que los corticoesteroides puedan tener efectos no deseados.

REACCIONES ADVERSAS

En estudios clínicos, las reacciones adversas más frecuentes con TARPEYO (que se produjeron en ≥5 % de los pacientes tratados con TARPEYO y ≥2 % más que con el placebo) fueron edema periférico (17 %), hipertensión (12 %), espasmos musculares (12 %), acné (11 %), cefalea (10 %), infección de las vías respiratorias superiores (8 %), edema facial (8 %), aumento de peso (7 %), dispepsia (7 %), dermatitis (6 %), artralgia (6 %) y aumento de los glóbulos blancos (6 %).

INTERACCIONES FARMACOLÓGICAS

La budesonida es un sustrato del CYP3A4. Evite su uso con inhibidores potentes del CYP3A4, como el ketoconazol, el itraconazol, el ritonavir, el indinavir, el saquinavir, la eritromicina y la ciclosporina. Evite ingerir jugo de toronja con TARPEYO. Su ingesta, que inhibe la actividad de CYP3A4, puede aumentar la exposición sistémica a la budesonida.

USO EN POBLACIONES ESPECÍFICAS

Embarazo: Según los datos disponibles de series de casos, estudios epidemiológicos y revisiones publicados sobre el uso de la budesonida oral en mujeres embarazadas, no se ha identificado un riesgo asociado con el fármaco de anomalías congénitas importantes, aborto espontáneo u otros desenlaces maternos o fetales adversos. Existen riesgos para la madre y el feto asociados con la NIgA. Los lactantes expuestos a corticoesteroides intrauterinos, incluida la budesonida, tienen riesgo de desarrollar insuficiencia suprarrenal.

Consulte la Información de prescripción completa que se acompaña.

HIGHLIGHTS OF PRESCRIBING INFORMATION

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

TARPEYO (budesonide) delayed release capsules, for oral use
Initial U.S. Approval: 1997

----------RECENT MAJOR CHANGES----------

Warning and Precautions (5.2) 06/2024

----------INDICATIONS AND USAGE----------

TARPEYO is a corticosteroid indicated to reduce the loss of kidney function in adults with primary immunoglobulin A nephropathy (IgAN) who are at risk for disease progression. (1)

----------DOSAGE AND ADMINISTRATION----------

- The recommended dosage is 16 mg administered orally once daily, in the morning at least 1 hour before a meal. (2)
- Swallow whole. Do not open, crush or chew. (2)
- The recommended duration of therapy is 9 months. When discontinuing, reduce dosage to 8 mg once daily for the last two weeks. (2, 5.1)

----------DOSAGE FORMS AND STRENGTHS----------

Delayed release capsules: 4 mg (3)

----------CONTRAINDICATIONS----------

- Hypersensitivity to budesonide or any of the ingredients in TARPEYO. (4)

----------WARNINGS AND PRECAUTIONS----------

- Hypercorticism and Adrenal Axis Suppression: Follow general warnings concerning corticosteroids, patients with hepatic impairment may be at increased risk. Taper upon discontinuation. (2, 5.1, 8.6, 12.3)
- Immunosuppression and Increased Risk of Infection: Avoid use in patients with active or quiescent tuberculosis infection, untreated fungal, bacterial, systemic viral or parasitic infections, or ocular herpes simplex. May affect vaccine efficacy. (5.2)
- Other Corticosteroid Effects: Monitor patients with concomitant conditions where corticosteroids may have unwanted effects (e.g., hypertension, diabetes mellitus). (5.3)

----------ADVERSE REACTIONS----------

Most common adverse reactions (≥5%) are peripheral edema, hypertension, muscle spasms, acne, headache, upper respiratory tract infection, face edema, weight increased, dyspepsia, dermatitis, arthralgia, white blood cell count increased. (6.1)

To report SUSPECTED ADVERSE REACTIONS, contact Calliditas Therapeutics at 1-844-IGA-0011 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

----------DRUG INTERACTIONS----------

Potent CYP3A4 Inhibitors (e.g. ketoconazole, grapefruit juice): Can increase systemic budesonide concentrations: avoid concomitant use. (7.1)

----------USE IN SPECIFIC POPULATIONS----------

Lactation: Routine monitoring of linear growth in infants is recommended with chronic use of budesonide in the nursing mother. (8.2).

See 17 for PATIENT COUNSELING INFORMATION and FDA-approved patient labeling.

Revised: 06/2024

FULL PRESCRIBING INFORMATION: CONTENTS*

* Sections or subsections omitted from the full prescribing information are not listed.

FULL PRESCRIBING INFORMATION

1 INDICATIONS AND USAGE

TARPEYO is indicated to reduce the loss of kidney function in adults with primary immunoglobulin A nephropathy (IgAN) who are at risk for disease progression.

2 DOSAGE AND ADMINISTRATION

The recommended treatment duration of therapy is 9 months, with a dosage of 16 mg administered orally once daily *[see Clinical Studies (14.1)]*. When discontinuing therapy, reduce the dosage to 8 mg once daily for the last 2 weeks of therapy *[see Warnings and Precautions (5.1)]*.

The delayed release capsules should be swallowed whole in the morning, at least 1 hour before a meal. Do not open, crush or chew.

If a dose is missed, take the prescribed dose at the next scheduled time. Do not double the next dose.

Safety and efficacy of treatment with subsequent courses of TARPEYO have not been established.

3 DOSAGE FORMS AND STRENGTHS

Delayed release capsule containing 4 mg budesonide. White coated opaque capsules printed with “CAL10 4MG” in black ink.

4 CONTRAINDICATIONS

TARPEYO is contraindicated in patients with hypersensitivity to budesonide or any of the ingredients of TARPEYO. Serious hypersensitivity reactions, including anaphylaxis have occurred with other budesonide formulations.

5 WARNINGS AND PRECAUTIONS

5.1 Hypercorticism and Adrenal Axis Suppression

When corticosteroids are used chronically, systemic effects such as hypercorticism and adrenal suppression may occur. Corticosteroids can reduce the response of the hypothalamus-pituitary-adrenal (HPA) axis to stress. In situations where patients are subject to surgery or other stress situations, supplementation with a systemic corticosteroid is recommended. When discontinuing therapy *[see Dosing and Administration (2)]* or switching between corticosteroids, monitor for signs of adrenal axis suppression.

Patients with moderate to severe hepatic impairment (Child-Pugh Class B and C respectively) could be at an increased risk of hypercorticism and adrenal axis suppression due to an increased systemic exposure of oral budesonide. Avoid use in patients with severe hepatic impairment (Child-Pugh Class C). Monitor for increased signs and/or symptoms of hypercorticism in patients with moderate hepatic impairment (Child-Pugh Class B) *[see Use in Specific Populations (8.6), Clinical Pharmacology (12.3)]*.

5.2 Immunosuppression and Increased Risk of Infection

Corticosteroids, including TARPEYO, suppress the immune system and increase the risk of infection with any pathogen, including viral, bacterial, fungal, protozoan, or helminthic pathogens. Corticosteroids can:

- Reduce resistance to new infections
- Exacerbate existing infections
- Increase the risk of disseminated infections
- Increase the risk of reactivation or exacerbation of latent infections
- Mask some signs of infection

Corticosteroid-associated infections can be mild but can be severe and at times fatal. The rate of infectious complications increases with increasing corticosteroid dosages.

Monitor for the development of infection and consider TARPEYO withdrawal as needed.

Tuberculosis

If TARPEYO is used to treat a condition in patients with latent tuberculosis or tuberculin reactivity, reactivation of tuberculosis may occur. In patients with latent tuberculosis or tuberculin reactivity TARPEYO should be discontinued.

Varicella Zoster and Measles Viral Infections

Varicella and measles can have a serious or even fatal course in non-immune patients taking corticosteroids, including TARPEYO. In corticosteroid-treated patients who have not had these diseases or are non-immune, particular care should be taken to avoid exposure to varicella and measles:

- If a TARPEYO-treated patient is exposed to varicella, prophylaxis with varicella zoster immune globulin may be indicated. If varicella develops, treatment with antiviral agents may be considered.
- If a TARPEYO-treated patient is exposed to measles, prophylaxis with immunoglobulin may be indicated.

Hepatitis B Virus Reactivation

Hepatitis B virus reactivation can occur in patients who are hepatitis B carriers treated with immunosuppressive dosages of corticosteroids, including TARPEYO. Reactivation can also occur infrequently in corticosteroid-treated patients who appear to have resolved hepatitis B infection.

Screen patients for hepatitis B infection before initiating immunosuppressive treatment with TARPEYO. For patients who show evidence of hepatitis B infection, recommend consultation with physicians with expertise in managing hepatitis B regarding monitoring and consideration for hepatitis B antiviral therapy.

Fungal Infections

Corticosteroids, including TARPEYO, may exacerbate systemic fungal infections; therefore, avoid TARPEYO use in the presence of such infections.

Amebiasis

Corticosteroids, including TARPEYO, may activate latent amebiasis. Therefore, it is recommended that latent amebiasis or active amebiasis be ruled out before initiating TARPEYO in patients who have spent time in the tropics or patients with unexplained diarrhea.

Strongyloides Infestation

Corticosteroids, including TARPEYO, should be discontinued in patients with known or suspected Strongyloides (threadworm) infestation. In such patients, corticosteroid-induced immunosuppression may lead to Strongyloides hyperinfection and dissemination with widespread larval migration, often accompanied by severe enterocolitis and potentially fatal gram-negative septicemia.

Cerebral Malaria

Avoid corticosteroids, including TARPEYO, in patients with cerebral malaria.

Ocular Herpes Simplex Virus Infection

Corticosteroids, including TARPEYO, may exacerbate ocular herpes simplex virus infections; therefore, avoid TARPEYO use in the presence of such infections.

Kaposi's Sarcoma

Kaposi's sarcoma has been reported to occur in patients receiving corticosteroid therapy, most often for chronic conditions. Discontinuation of corticosteroids may result in clinical improvement of Kaposi's sarcoma.

Immunizations

Corticosteroid therapy, including TARPEYO, may decrease the immune response to some vaccines.

5.3 Other Corticosteroid Effects

TARPEYO is a systemically available corticosteroid and is expected to cause related adverse reactions. Monitor patients with hypertension, prediabetes, diabetes mellitus, osteoporosis, peptic ulcer, glaucoma or cataracts, or with a family history of diabetes or glaucoma, or with any other condition where corticosteroids may have unwanted effects.

6 ADVERSE REACTIONS

The following clinically significant adverse reactions are described elsewhere in the labeling:

- Hypercorticism and adrenal axis suppression *[see Warnings and Precautions (5.1)]*
- Risks of immunosuppression *[see Warnings and Precautions (5.2)]*
- Other corticosteroid effects *[see Warnings and Precautions (5.3)]*

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 practice.

The safety of TARPEYO was evaluated in 389 patients in the randomized, double-blind, placebo-controlled study, NeflgArd (NCT: 03643965, Phase 3 clinical study in adults with primary IgAN). The data below reflect TARPEYO exposure in 195 patients with a median duration of 41 weeks, compared with comparable exposure to placebo in 194 patients.

The most common adverse reactions, reported in greater than or equal to 5% of TARPEYO-treated patients and greater than or equal to 2% higher than placebo, in the 9-month treatment period are listed in *Table 1*.

Most adverse reactions that occurred at a greater incidence for TARPEYO compared to placebo were consistent with hypercortisolism and reversible, resolving within 3 months after discontinuation.

Table 1: Reported adverse reactions occurring in greater than or equal to 5% of TARPEYO treated patients, and greater than or equal to 2% higher than Placebo

Adverse Reaction	TARPEYO 16 mg (N=195)	Placebo (N=194)
	n (%)	n (%)
Peripheral edema	33 (17)	10 (5)
Hypertension	23 (12)	6 (3)
Muscle spasms	23 (12)	8 (4)
Acne	22 (11)	2 (1)
Headache	19 (10)	14 (7)
Upper respiratory tract infection	16 (8)	12 (6)
Face edema	15 (8)	1 (0.5)
Weight increased	13 (7)	6 (3)
Dyspepsia	13 (7)	4 (2)
Dermatitis	12 (6)	2 (1)
Arthralgia	12 (6)	4 (2)
White blood cell count increased	11 (6)	1 (0.5)

7 DRUG INTERACTIONS

7.1 Interaction with CYP3A4 Inhibitors

Budesonide is a substrate for CYP3A4. Avoid use with potent CYP3A4 inhibitors; e.g. ketoconazole, itraconazole, ritonavir, indinavir, saquinavir, erythromycin, and cyclosporine *[see Clinical Pharmacology (12.3)]*.

Avoid ingestion of grapefruit juice with TARPEYO. Intake of grapefruit juice, which inhibits CYP3A4 activity, can increase the systemic exposure to budesonide *[see Clinical Pharmacology (12.3)]*.

8 USE IN SPECIFIC POPULATIONS

8.1 Pregnancy

Risk Summary

The available data from published case series, epidemiological studies and reviews with oral budesonide use in pregnant women have not identified a drug-associated risk of major birth defects, miscarriage or other adverse maternal or fetal outcomes. There are risks to the mother and fetus associated with IgA Nephropathy. Infants exposed to in utero corticosteroids, including budesonide, are at risk for hypoadrenalism *(see Clinical Considerations)*. In animal reproduction studies with pregnant rats and rabbits, administration of subcutaneous budesonide during organogenesis at doses approximately 0.3 times or 0.03 times, respectively, the maximum recommended human dose (MRHD), resulted in increased fetal loss, decreased pup weights, and skeletal abnormalities. Maternal toxicity was observed in both rats and rabbits at these dose levels *(see Data)*.

The estimated background risk of major birth defects and miscarriage of the indicated population is unknown. All pregnancies have a background risk of birth defects, loss, or other adverse outcomes. 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

IgA nephropathy in pregnancy is associated with adverse maternal outcomes, including increased rates of cesarean section, pregnancy-induced hypertension, pre-eclampsia and preterm delivery, and adverse fetal/neonatal outcomes, including stillbirth and low birth weight.

Fetal/Neonatal Adverse Reactions

Hypoadrenalism may occur in infants born to mothers receiving corticosteroids during pregnancy. Infants should be carefully observed for signs of hypoadrenalism, such as poor feeding, irritability, weakness, and vomiting, and managed accordingly *[see Warnings and Precautions (5.1)]*.

Data

Animal Data

Budesonide was teratogenic and embryo-lethal in rabbits and rats.

In an embryo-fetal development study in pregnant rats dosed subcutaneously with budesonide during the period of organogenesis on gestation days 6 to 15 there were effects on fetal development and survival at subcutaneous doses up to approximately 500 mcg/kg in rats (approximately 0.3 times the maximum recommended human dose (MRHD) on a body surface area basis).

In an embryo-fetal development study in pregnant rabbits dosed during the period of organogenesis on gestation days 6 to 18, there was an increase in maternal abortion, and effects on fetal development and reduction in litter weights at subcutaneous doses from approximately 25 mcg/kg (approximately 0.03 times the MRHD on a body surface area basis).

Maternal toxicity, including reduction in body weight gain, was observed at subcutaneous doses of 5 mcg/kg in rabbits (approximately 0.006 times the maximum recommended human dose on a body surface area basis) and 500 mcg/kg in rats (approximately 0.3 times the maximum recommended human dose on a body surface area basis).

In a peri- and post-natal development study, subcutaneous treatment of pregnant rats with budesonide during the period from Day 15 post coitum to Day 21 post partum, budesonide had no effects on delivery, but did have an effect on growth and development of offspring. In addition, offspring survival was reduced and surviving offspring had decreased mean body weights at birth and during lactation at exposures ≥ 0.012 times the MRHD (on a mg/m^2 basis at maternal subcutaneous doses of 20 mcg/kg/day and higher). These findings occurred in the presence of maternal toxicity.

8.2 Lactation

Risk Summary

Breastfeeding is not expected to result in significant exposure of the infant to TARPEYO. Lactation studies have not been conducted with oral budesonide, including TARPEYO, and no information

is available on the effects of the drug on the breastfed infant or the effects of the drug on milk production. One published study reports that budesonide is present in human milk following maternal inhalation of budesonide *(see Data)*. Routine monitoring of linear growth in infants is recommended with chronic use of budesonide in the nursing mother. The developmental and health benefits of breastfeeding should be considered along with the mother's clinical need for TARPEYO and any potential adverse effects on the breastfed infant from TARPEYO, or from the underlying maternal condition.

Data

One published study reports that budesonide is present in human milk following maternal inhalation of budesonide, which resulted in infant doses approximately 0.3% to 1% of the maternal weight-adjusted dosage and a milk to plasma ratio was approximately 0.5. Budesonide was not detected in plasma, and no adverse events were noted in the breastfed infants following maternal use of inhaled budesonide.

Assuming a daily average milk intake of about 150 mL/kg/day and a milk to plasma ratio of 0.5, the estimated oral dose of budesonide for a 5 kg infant is expected to be less than 2 mcg/day for a maternal dose of 16 mg TARPEYO. Assuming 100% bio-availability in the infant this is about 0.1% of the maternal dose and about 3% of the highest inhaled dose used clinically for asthma in infants.

8.4 Pediatric Use

The safety and efficacy of TARPEYO in pediatric patients have not been established.

8.5 Geriatric Use

Clinical studies of TARPEYO did not include sufficient numbers of subjects aged 65 and over to determine whether they respond differently from younger subjects. Other reported clinical experience has not identified differences in responses between the elderly and younger patients. In general, dose selection for an elderly patient should be cautious, reflecting the greater frequency of decreased hepatic, renal, or cardiac function, and of concomitant disease or other drug therapy.

8.6 Hepatic Impairment

Patients with moderate to severe hepatic impairment (Child-Pugh Class B and C, respectively) could be at an increased risk of hypercorticism and adrenal axis suppression due to an increased systemic exposure to budesonide *[see Warnings and Precautions (5.1) and Clinical Pharmacology (12.3)]*. Avoid use in patients with severe hepatic impairments (Child-Pugh Class C). Monitor for increased signs and/or symptoms of hypercorticism in patients with moderate hepatic impairment (Child-Pugh Class B).

10 OVERDOSAGE

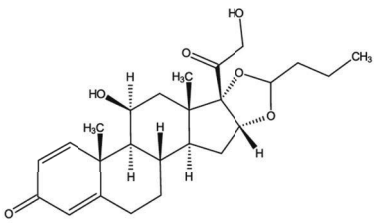
Reports of acute toxicity and/or death following overdosage of corticoids are rare.

In the event of acute overdosage, no specific antidote is available. Treatment consists of supportive and symptomatic therapy.

11 DESCRIPTION

TARPEYO (budesonide) delayed release capsules, for oral administration, contain budesonide, a synthetic corticosteroid, as the active ingredient. Budesonide is designated chemically as 16α, 17α-[(1RS)-Butylidenebis(oxy)]-11β, 21-dihydroxypregna-1,4-diene-3,20-dione.

Budesonide is provided as a mixture of two epimers (22R and 22S). The empirical formula of budesonide is $C_{25}H_{34}O_6$ and its molecular weight is 430.5. Its structural formula is:



Budesonide is a white to off-white, tasteless, odorless powder that is practically insoluble in water, sparingly soluble in alcohol, and freely soluble in chloroform.

The beads in each capsule contain the following inactive ingredients: sugar spheres (sucrose and starch), hypromellose, polyethylene glycol, citric acid monohydrate, ethyl cellulose, medium chain triglycerides and oleic acid. The capsule shells contain hypromellose and titanium oxide (E171); and the printing ink on the capsules contain shellac, propylene glycol and black iron oxide (E172). The enteric coating on the capsules contain: methacrylic acid and methacrylate copolymer, talc and dibutyl sebacate.

12 CLINICAL PHARMACOLOGY

12.1 Mechanism of Action

Budesonide is a corticosteroid with potent glucocorticoid activity and weak mineralocorticoid activity that undergoes substantial first pass metabolism. Mucosal B-cells present in the ileum, including the Peyer's patches, express glucocorticoid receptors and are responsible for the production of galactose-deficient IgA1 antibodies (Gd-Ag1) causing IgA nephropathy. Through their anti-inflammatory and immunosuppressive effects at the glucocorticoid receptor, corticosteroids can modulate B-cell numbers and activity. It has not been established to what extent TARPEYO's efficacy is mediated via local effects in the ileum vs systemic effects.

12.2 Pharmacodynamics

Treatment with corticosteroids, including TARPEYO, is associated with a suppression of endogenous cortisol concentrations and an impairment of the hypothalamus-pituitary-adrenal (HPA) axis function.

12.3 Pharmacokinetics

Absorption

Following single oral administration of TARPEYO 16 mg to healthy subjects, the average geometric mean C_{max} (CV%) was 4.4 ng/mL (58.3), and AUC_{0-24} was 24.1 h*ng/mL (49.7). Median T_{lag} (min, max) was 3.1 h (0, 6) while median T_{max} (min, max) was 5.1 h (4.5, 10).

Food Effect

There was no clinically relevant food effect observed on the overall systemic exposure of budesonide when either a moderate or high fat meal was consumed 1 hour after administration of TARPEYO.

Distribution

Approximately 85 to 90% of budesonide binds to plasma proteins in blood over the concentration range of 0.43 to 99 ng/mL. The volume of distribution at steady state reported in the literature is 3 to 4 L/kg.

Metabolism

Budesonide is metabolized by the liver (and to lesser extent the gut), primarily by oxidative pathways via CYP3A4 to two main metabolites, 16α-hydroxyprednisolone and 6β-hydroxybudesonide, which have less than 1% of the corticosteroid activity of budesonide.

Elimination

Budesonide had a high plasma clearance, 0.9 to 1.8 L/min in healthy adults, which is close to the estimated liver blood flow, and, accordingly, suggests that budesonide is a high hepatic clearance drug.

Following single oral administration of TARPEYO 16 mg to healthy subjects, the elimination half-life (t½) for TARPEYO ranged from 5.0 to 6.8 hours.

Excretion

Budesonide was excreted in urine and feces in the form of metabolites. After oral as well as intravenous administration of micronized [^{3}H]-budesonide, approximately 60% of the recovered radioactivity was found in urine. The major metabolites, including 16α-hydroxyprednisolone and 6β-hydroxybudesonide, are mainly renally excreted, intact or in conjugated forms. No unchanged budesonide was detected in urine.

Specific Populations

Age, race, and body weight

The effect of age, race, and body weight on the pharmacokinetics of TARPEYO has not been established.

Sex

Of the 143 healthy volunteers included in the Phase 1 studies, 29% were female. Pharmacokinetics of budesonide was similar between males and females.

Hepatic Impairment

Subjects with moderate hepatic impairment (Child-Pugh class B) had 3.5 times the budesonide AUC compared with healthy volunteers while subjects with mild hepatic impairment (Child-Pugh class A) had approximately 1.4 times the budesonide AUC compared with healthy volunteers.

Patients with severe hepatic impairment (Child-Pugh Class C) have not been studied.

Renal Impairment

Intact budesonide is not excreted renally. The main metabolites of budesonide, which have negligible corticosteroid activity, are largely (60%) excreted in urine.

Drug Interaction Studies

Budesonide is metabolized via CYP3A4. Potent inhibitors of CYP3A4 can increase plasma levels of budesonide.

Thus, clinically relevant drug interactions with potent CYP3A4 inhibitors, such as ketoconazole, itraconazole, ritonavir, indinavir, saquinavir, erythromycin, cyclosporine, and grapefruit juice, are to be expected. Conversely, induction of CYP3A4 potentially could result in the lowering of budesonide plasma concentrations.

Effects of Other Drugs on Budesonide

Ketoconazole

In an open, non-randomized, cross-over study, 6 healthy subjects were given budesonide 10 mg as a single dose, either alone or concomitantly with the last ketoconazole dose of 3 days treatment with ketoconazole 100 mg twice daily. Co-administration of ketoconazole resulted in 8-fold the AUC of budesonide, compared to budesonide alone.

In an open, randomized, cross-over study 8 healthy subjects were given Entocort EC 3 mg as a single dose, either alone or concomitantly with the last ketoconazole dose of 4 days treatment with ketoconazole 200 mg once daily. Co-administration of ketoconazole resulted in 6.5-fold the AUC of budesonide, compared to budesonide alone.

Grapefruit Juice

In an open, randomized, cross-over study, 8 healthy subjects were given Entocort EC 3 mg, either alone, or concomitantly with 600 mL concentrated grapefruit juice (which inhibits CYP3A4 activity predominantly in the intestinal mucosa), on the last of 4 daily administrations. Concomitant administration of grapefruit juice resulted in doubling the bioavailability of budesonide compared to budesonide alone.

Proton Pump Inhibitors

The pharmacokinetics of TARPEYO have not been evaluated in combination with proton pump inhibitors (PPIs). Since the disintegration of TARPEYO is pH dependent, the release properties and uptake of budesonide may be altered when TARPEYO is taken after treatment with PPIs. In a study assessing intragastric and intraduodenal pH in healthy volunteers after repeated dosing with the PPI omeprazole 40 mg once daily, intragastric and intraduodenal pH did not exceed that required for disintegration of TARPEYO. Beyond the duodenum, PPIs such as omeprazole are unlikely to affect pH.

Oral Contraceptives (CYP3A4 Substrates)

In a parallel study, the pharmacokinetics of budesonide were not significantly different between healthy female subjects who received oral contraceptives containing desogestrel 0.15 mg and ethinyl estradiol 30 µg and healthy female subjects who did not receive oral contraceptives. Budesonide 4.5 mg once daily for one week did not affect the plasma concentrations of ethinyl estradiol, a CYP3A4 substrate. The effect of budesonide 16 mg once daily on the plasma concentrations of desogestrel and ethinyl estradiol was not studied.

13 NONCLINICAL TOXICOLOGY

13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility

Carcinogenicity studies with budesonide were conducted in rats and mice. In a two-year study in Sprague-Dawley rats, budesonide caused a statistically significant increase in the incidence of gliomas in male rats at an oral dose of 50 mcg/kg (approximately 0.03 times the maximum recommended human dose (MRHD) on a body surface area basis). In addition, there were increased incidences of primary hepatocellular tumors in male rats at 25 mcg/kg (approximately 0.015 times the MRHD on a body surface area basis) and above. No tumorigenicity was seen in female rats at oral doses up to 50 mcg/kg (approximately 0.03 times the MRHD on a body surface area basis). In an additional two-year study in male Sprague-Dawley rats, budesonide caused no gliomas at an oral dose of 50 mcg/kg (approximately 0.03 times the MRHD on a body surface area basis). However, it caused a statistically significant increase in the incidence of hepatocellular tumors at an oral dose of 50 mcg/kg (approximately 0.03 times the MRHD of a body surface area basis). The concurrent reference corticosteroids (prednisolone and triamcinolone acetonide) showed similar findings. In a 91-week study in mice, budesonide caused no treatment-related carcinogenicity at oral doses up to 200 mcg/kg (approximately 0.06 times the MRHD on a body surface area basis).

Budesonide was not genotoxic in the Ames test, the mouse lymphoma cell forward gene mutation ($TK^{+/-}$) test, the human lymphocyte chromosome aberration test, the Drosophila melanogaster sex-linked recessive lethal test, the rat hepatocyte UDS test and the mouse micronucleus test.

In rats, budesonide had no effect on fertility at subcutaneous doses up to 80 mcg/kg (approximately 0.05 times the MRHD on a body surface area basis). However, it caused a decrease in prenatal viability and viability in pups at birth and during lactation, along with a decrease in maternal food consumption and body weight gain, at subcutaneous doses of 20 mcg/kg (approximately 0.012 times the MRHD on a body surface area basis) and above. No such effects were noted at 5 mcg/kg (approximately 0.003 times the MRHD on a body surface area basis).

14 CLINICAL STUDIES

14.1 Treatment of IgAN

TARPEYO was shown to reduce the loss of kidney function in adults with primary IgAN at risk of disease progression in the NefIgArd trial. While the effect on kidney function that was seen during the 9-month treatment period persisted following completion of treatment, TARPEYO did not change the long-term rate of decline in kidney function.

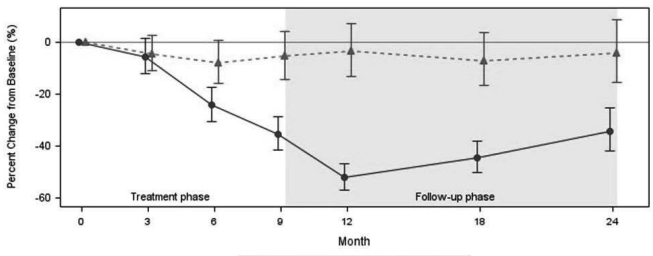
NefIgArd Study: A Phase 3, Double-Blind Placebo-Controlled, Randomized Trial in Adults with Primary IgAN

The effect of TARPEYO on proteinuria and kidney function (estimated glomerular filtration rate, eGFR) was assessed in a randomized, double-blind, phase 3, 2-part, multicenter study (NefIgArd, NCT: 03643965) in adults with biopsy-proven IgAN, eGFR ≥35 mL/min/1.73 m^2, and proteinuria (defined as either ≥1 g/day or urine protein to creatinine ratio (UPCR) ≥0.8 g/g) who were on a stable dose of maximally-tolerated RAS inhibitor therapy. Patients with other glomerulopathies, nephrotic syndrome, or those who had been treated with systemic immunosuppressive medications were excluded. Patients were randomized 1:1 to either TARPEYO 16 mg once daily or placebo and treated for nine months followed by a 2-week taper of either TARPEYO 8 mg once daily or placebo. Patients were then followed off-treatment for 15 months. The primary endpoint for Part A of the study (interim analysis) was the ratio of UPCR (based on 24-hour urine collections) at 9 months compared to baseline based on the first 199 randomized patients who completed the Month 9 visit. The primary endpoint for Part B of the study (final analysis) was a time-weighted average of the log ratio of eGFR at each time point over 2 years relative to baseline.

Of the 364 randomized patients evaluated for efficacy, 66% were male, 76% were Caucasian, 23% were Asian, and 20% were from North America. The median age was 43 years (range 20 to 73 years). At baseline, the mean eGFR was approximately 58 mL/min/1.73 m^2, with 60% of patients having an eGFR <60 mL/min/1.73 m^2. The mean baseline UPCR was 1.5 g/g and 21% of patients had proteinuria >3.5 g/24 hours. Approximately 70% of patients had a history of hypertension and 7% had a history of type 2 diabetes mellitus. At baseline, 98% were treated with an angiotensin-converting enzyme (ACE) inhibitor or angiotensin receptor blocker (ARB) and <1% of patients were on a sodium-glucose cotransporter 2 (SGLT2) inhibitor. At study entry, the median systolic/diastolic blood pressure was 125/79 mmHg.

The trial met the prespecified Part A primary endpoint based on an interim analysis of 199 randomized patients who had completed the Month 9 visit. The interim analysis showed a 31% reduction in UPCR in patients treated with TARPEYO 16 mg once daily compared to placebo (95% CI: 16% to 42% reduction; p=0.0001). In the final analysis of 364 patients, the percentage change in UPCR observed at 9 months was consistent with the results in the subset of 199 patients included in the interim analysis. The final analysis of the percentage change in UPCR during the treatment and follow-up phase is shown in Figure 1.

Figure 1: LS Mean (95% CI) Percentage Change from Baseline in UPCR (g/g) in NefIgArd Study (Full Analysis Set)



Patients (TARPEYO, Placebo)	(175, 176)	(171, 172)	(170, 167)	(166, 170)	(162, 166)	(157, 160)
TARPEYO % Reduction	5	24	35	52	44	34
Placebo % Reduction	4	8	5	3	7	4
Relative Percent Reduction	1	18	32	50	40	31
95% CI	(-9, 11)	(7, 27)	(22, 41)	(42, 57)	(30, 49)	(18, 43)

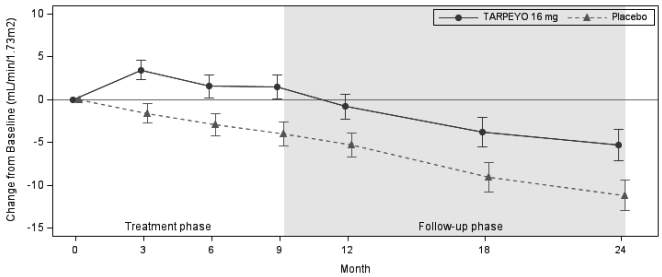
Estimated mean percentage change from baseline in UPCR with 95% confidence intervals estimated from a mixed model repeated measures analysis of log-transformed post-baseline to baseline ratios at 3, 6, 9, 12, 18, and 24 months. Analysis included all UPCR data regardless of use of prohibited medication at any point during the study.

Values reported under the figure are converted to percent reduction from baseline. Relative percent reductions comparing TARPEYO and placebo are estimated from the regression model.
Abbreviations: UPCR, urine protein to creatinine ratio; CI, confidence interval; LS, least squares.

In the final analysis of 364 patients, the trial met the prespecified Part B primary endpoint (p<0.0001).

The mean change from baseline in eGFR and respective 95% CI for each arm at each scheduled visit during the treatment and follow-up phase is shown in Figure 2. The favorable effect of TARPEYO on eGFR was seen by Month 3 (the earliest assessment) and did not appear to increase in magnitude over two years. At Year 2, there was a 5.9 mL/min/1.73 m^2 difference in the mean change from baseline in eGFR between TARPEYO and placebo (95% CI: 3.3 to 8.5 mL/min/1.73 m^2; p<0.0001).

Figure 2: LS Mean (95% CI) Change from Baseline in eGFR (mL/min/1.73 m^2) in NefIgArd Study (Full Analysis Set)



Patients (TARPEYO, Placebo)	(174, 178)	(169, 174)	(171, 167)	(162, 171)	(163, 165)	(161, 165)
TARPEYO LS Mean Change	3.5	1.5	1.5	-0.8	-3.8	-5.3
Placebo LS Mean Change	-1.6	-2.9	-4.0	-5.3	-9.1	-11.2
Difference	5.1	4.5	5.5	4.5	5.3	5.9
95% CI	(3.4, 6.7)	(2.6, 6.3)	(3.5, 7.5)	(2.5, 6.5)	(2.9, 7.8)	(3.3, 8.5)

Estimated least squares mean change from baseline in eGFR (mL/min/1.73 m^2) with 95% confidence intervals estimated from a mixed model repeated measures analysis of post-baseline to baseline differences at 3, 6, 9, 12, 18, and 24 months. Analysis was based on untransformed data and includes all eGFR data regardless of use of prohibited medication at any point during the study. A total of 15 patients in the TARPEYO arm and 20 patients in the placebo arm received rescue medication during the 2-year study.
Abbreviations: eGFR, estimated glomerular filtration rate; CI, confidence interval; LS least squares

The treatment effect based on the change from baseline in eGFR at 2 years was consistent across key subgroups, including key demographic (such as age, sex, race) and baseline disease (such as baseline proteinuria) characteristics.

16 HOW SUPPLIED/STORAGE AND HANDLING

TARPEYO (budesonide) delayed release capsules 4 mg, are white opaque-coated capsules marked with "CAL10 4 MG" in black ink on the body of the capsule. They are supplied as follows:

NDC 81749-004-01: Bottles of 120 capsules. Child-resistant cap.

Store at 20-25°C (68 - 77°F); excursions permitted to 15° to 30°C (59° to 86°F). [See USP Controlled Room Temperature].

Keep container tightly closed. Protect from moisture.

17 PATIENT COUNSELING INFORMATION

Advise the patient to read the FDA-approved patient labeling (Patient Information).

Advise patients that TARPEYO may cause hypercorticism and adrenal axis suppression and to follow a taper schedule, as instructed by their healthcare provider if discontinuing therapy *[see Warnings and Precautions (5.1)]*.

TARPEYO causes immunosuppression. Advise patients to avoid exposure to people with chicken pox or measles and, if exposed, to consult their healthcare provider immediately. There is an increased risk of developing a variety of infections, including worsening of existing tuberculosis, fungal, bacterial, viral or parasitic infections, or ocular herpes simplex, and to contact their healthcare provider if they develop any symptoms of infection *[see Warnings and Precautions (5.3)]*. Provide advice regarding vaccination schedules for immunocompromised patients.

Advise patients that TARPEYO delayed release capsules should be swallowed whole and not chewed, crushed or broken and to take TARPEYO in the morning, at least 1 hour before a meal *[See Dosage and Administration (2)]*.

Advise patients to avoid the consumption of grapefruit juice for the duration of their TARPEYO therapy *[See Drug Interactions (7.1)]*.

Manufactured for and distributed by:

Calliditas Therapeutics AB
Stockholm, Sweden

Patent: http://www.calliditas.com/patents

Patient Information
TARPEYO (tar-PAY-oh)
(budesonide)
delayed release capsules

What is TARPEYO?

TARPEYO is a prescription medicine used to reduce the loss of kidney function in adults with a kidney disease called primary immunoglobulin A nephropathy (IgAN) who are at risk for their disease getting worse.

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

Do not take TARPEYO if you are allergic to budesonide or any of the ingredients in TARPEYO. See the end of this leaflet for a complete list of ingredients in TARPEYO.

Before taking TARPEYO, tell your healthcare provider about all of your medical conditions, including if you:

- have liver problems.
- plan to have surgery.
- have chickenpox or measles or have recently been near anyone with chickenpox or measles.
- have an infection.
- have high blood sugar levels (prediabetes or diabetes).
- have glaucoma or cataracts.
- have a family history of diabetes or glaucoma.
- have or have had tuberculosis.
- have high blood pressure (hypertension).
- have decreased bone mineral density (osteoporosis).
- have stomach ulcers.
- are pregnant or plan to become pregnant. TARPEYO may harm your unborn baby. Talk to your healthcare provider about the possible risk to your unborn baby if you take TARPEYO when you are pregnant.
- are breastfeeding or plan to breastfeed. It is not known if TARPEYO passes into your breast milk or if it will affect your baby. Talk to your healthcare provider about the best way to feed your baby during treatment with TARPEYO.

Tell your healthcare provider about all the medicines you take, including prescription and over-the-counter medicines, vitamins, and herbal supplements. TARPEYO and other medicines may affect each other causing side effects.

How should I take TARPEYO?

- Take TARPEYO exactly as your healthcare provider tells you.
- Your healthcare provider will decide how long you should take TARPEYO. Do not stop taking TARPEYO without first talking with your healthcare provider.
- Take your prescribed dose of TARPEYO 1 time each day in the morning, at least 1 hour before a meal.
- Swallow TARPEYO capsules whole. **Do not** open, chew, crush, or break TARPEYO capsules before swallowing.
- If you miss a dose of TARPEYO, take your prescribed dose at your next scheduled time. **Do not** take two doses of TARPEYO at the same time.
- If you take too much TARPEYO, call your healthcare provider right away or go to the nearest hospital emergency room.

What should I avoid while taking TARPEYO?

Do not eat grapefruit or drink grapefruit juice during your treatment with TARPEYO. Eating grapefruit or drinking grapefruit juice can increase the level of TARPEYO in your blood.

What are the possible side effects of TARPEYO?

TARPEYO may cause serious side effects, including:

- **Effects of having too much corticosteroid medicine in your blood (hypercorticism).** Long-time use of TARPEYO can cause you to have signs and symptoms of too much cortisol, a stress hormone in your blood. Tell your healthcare provider if you have any of the following signs and symptoms of hypercorticism:
  - acne
  - bruise easily
  - rounding of your face (moon face)
  - ankle swelling
  - thicker or more hair on your body and face
  - a fatty pad or hump between your shoulders (buffalo hump)
  - pink or purple stretch marks on the skin of your abdomen, thighs, breasts, or arms

- **Adrenal suppression.** When TARPEYO is taken for a long period of time (chronic use), adrenal suppression can happen. This is a condition in which the adrenal glands do not make enough steroid hormones. Symptoms of adrenal suppression include:
  - tiredness
  - weakness
  - nausea and vomiting
  - low blood pressure

  Tell your healthcare provider if you are under stress or have any symptoms of adrenal suppression during treatment with TARPEYO.
- **Risk of immunosuppression.** TARPEYO weakens your immune system. Taking medicines that weaken your immune system makes you more likely to get infections. Avoid contact with people who have contagious diseases, such as chickenpox or measles, during treatment with TARPEYO. Tell your healthcare provider right away if you come in contact with anyone who has chickenpox or measles. Consult with your healthcare provider regarding appropriate vaccination scheduling.
- Tell your healthcare provider if you develop any symptoms of infection during treatment with TARPEYO, including:
  - fever
  - feeling tired
  - chills
  - aches
  - pain
  - nausea and vomiting

The most common side effects of TARPEYO include:

- swelling of the lower legs, ankles, and feet
- high blood pressure
- muscle spasms
- acne
- headache
- upper respiratory tract infection
- swelling of the face
- weight increase
- indigestion
- irritation or inflammation of the skin
- joint pain
- increased white blood cell count

These are not all the possible side effects of TARPEYO.

Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

How should I store TARPEYO?

- Store TARPEYO at room temperature between 68°F to 77°F (20°C to 25°C).
- Keep TARPEYO in a tightly closed container.
- Protect from moisture.

Keep TARPEYO and all medicines out of the reach of children.

General information about the safe and effective use of TARPEYO.

Medicines are sometimes prescribed for purposes other than those listed in a Patient Information leaflet. Do not use TARPEYO for a condition for which it was not prescribed. Do not give TARPEYO to other people, even if they have the same symptoms you have. It may harm them. You can ask your pharmacist or healthcare provider for information about TARPEYO that is written for health professionals.

What are the ingredients in TARPEYO?

Active ingredient: budesonide

Inactive ingredients: sugar spheres (sucrose and starch), hypromellose, polyethylene glycol, citric acid monohydrate, ethyl cellulose, medium chain triglycerides and oleic acid.

The capsules contain: hypromellose and titanium oxide (E171).

The printing ink on the capsules contain: shellac, propylene glycol and black iron oxide (E172).

The enteric coating on the capsules contain: methacrylic acid and methacrylate copolymer, talc and dibutyl sebacate.

Manufactured for and distributed by: Calliditas Therapeutics AB, Stockholm, Sweden

Patent: http://www.calliditas.com/patents

For more information, go to www.TARPEYOTouchpoints.com or call 1-933-444-8277.

This Patient Information has been approved by the U.S. Food and Drug Administration. Revised: 12/2023