



Common Medication after Liver Transplantation

*Queen Mary Hospital
Division of Liver Transplantation*



Common Categories

Immunosuppressant

Infection Prophylaxis

Antiviral drugs for
Hepatitis B

Others

Immunosuppressants



Purpose: to suppress the immune system against the liver graft, thus preventing organ rejection



Tacrolimus FK 506 (Prograf)



0.5 mg



Also known as: **FK**



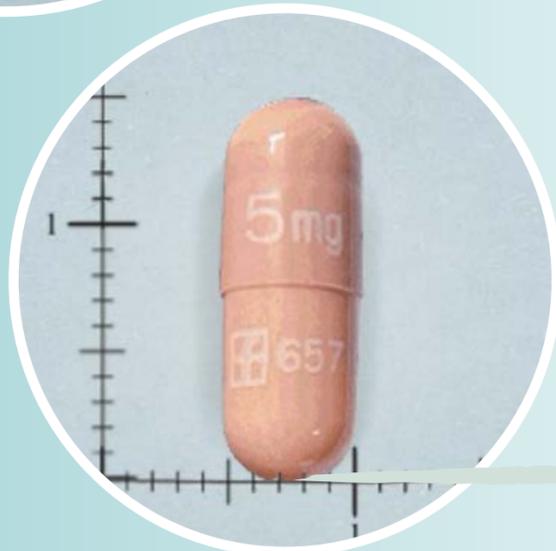
1 mg



When to take

- To be taken on an **empty stomach** (1 hour before or 2 hours after meal)
- Fixed time interval (12 hours apart) between doses

Also available as solution 2mg/ml



5 mg



Remember

- Avoid **grapefruit** or grapefruit juice
- Do not take Prograf until after blood taking on the day of blood checking. Resume **after blood taking**.

Tacrolimus Prolonged Release FK506



0.5 mg



1 mg



5 mg



Also known as: **Advagraf**



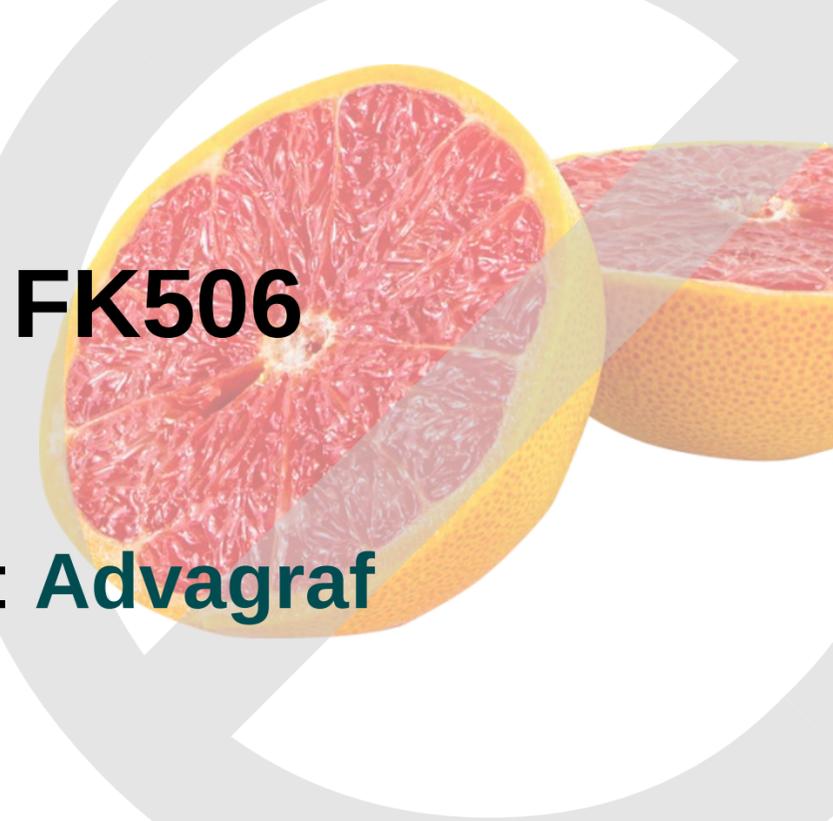
When to take

- To be taken on an **empty stomach** (1 hour before or 2 hours after meal)
- Fixed time once daily



Remember

- Avoid **grapefruit** or grapefruit juice
- Do not take Advagraf until after blood taking on the day of blood checking. Resume **after blood taking**



Mycophenolate Mofetil (Cellcept)



Also known as: **MMF**



When to take

- To be taken on an **empty stomach** (1 hour before or 2 hours after meal)



Remember

- **Avoid in pregnancy**
- Do not take **proton-pump inhibitors** at the same time
- Inform doctor if you develop severe diarrhea or plan for pregnancy

250 mg



500 mg



1g/5ml
(200mg/ml)



Mycophenolate (Sodium) Enteric coated (Myfortic)



Also known as: **Myfortic**



When to take

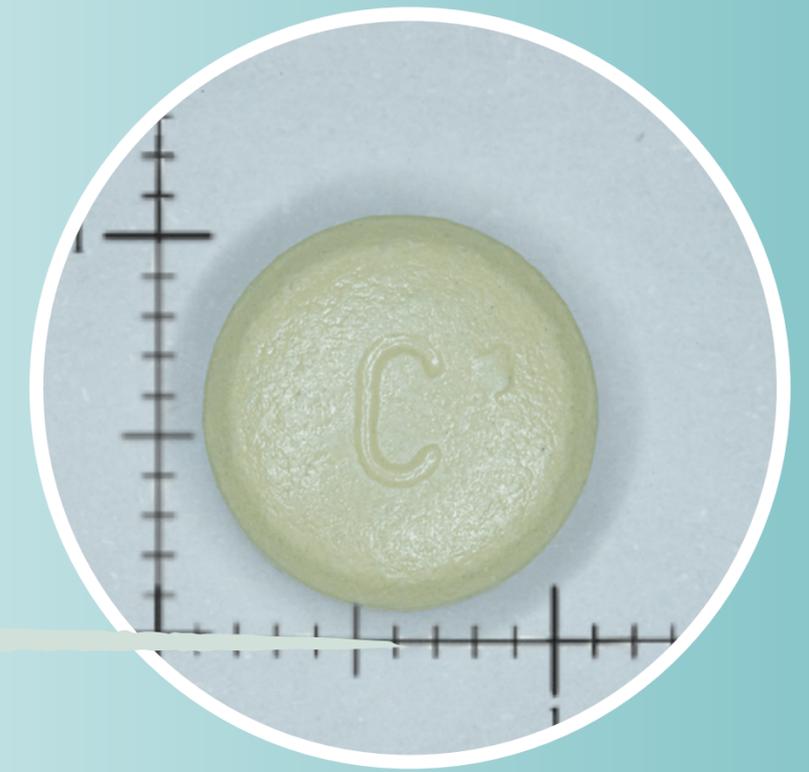
- To be taken on an **empty stomach**
(1 hour before or 2 hours after meal)



Remember

- **Avoid in pregnancy**
- Do not take **proton-pump inhibitors**
at the same time
- Inform doctor if you plan for pregnancy

180 mg



360 mg





5 mg



25mg/5ml
(5mg/ml)

Prednisolone



When to take

- To be taken **after food**



Remember

- **Regular monitoring** of body weight, blood pressure and blood glucose
- For liquid/suspension: discard **4 weeks after opening**



Cyclosporin A (Neoral)



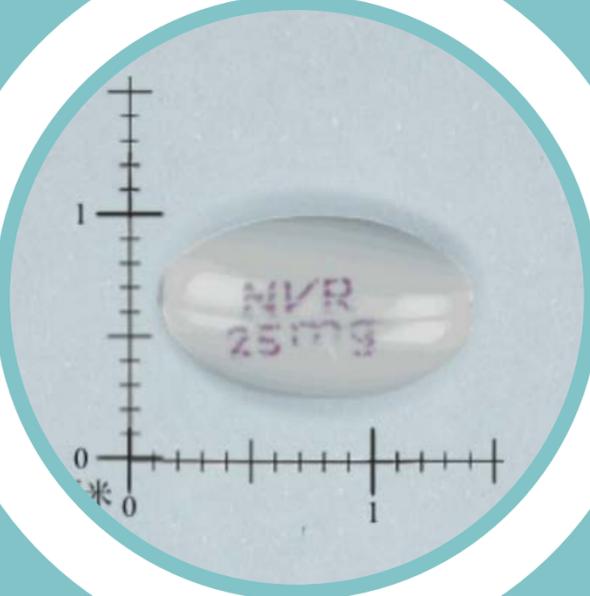
When to take

- Fixed time interval (12 hours apart) between doses

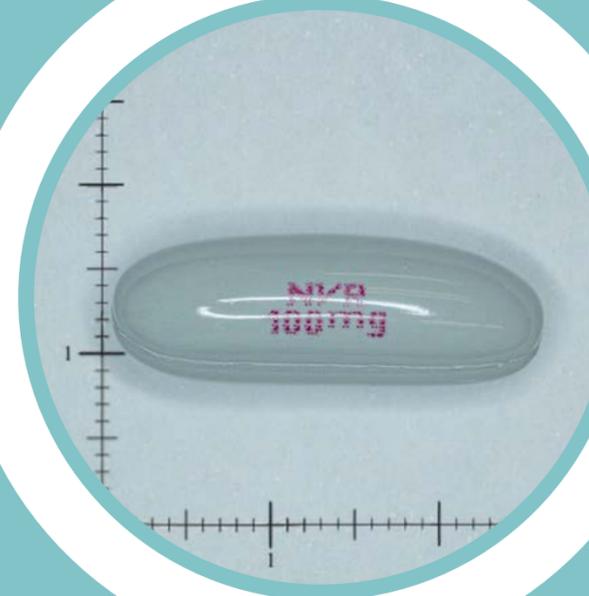


Remember

- Avoid **grapefruit** or grapefruit juice
- Do not take Neoral until after blood taking on the day of blood checking. Resume **after blood taking**.



25 mg



100 mg



100 mg/ml

Everolimus (Certican)



Remember

- Avoid **grapefruit** or grapefruit juice
- May cause oral ulcer. If severe, inform doctor and **maintain good oral hygiene**
- Do not take Certican until after blood taking on the day of blood checking. Resume **after blood taking.**



0.5 mg
Imprint: **CH**



0.75 mg
Imprint: **CL**

Sirolimus (Rapamune)



When to take

- **Should not** be taken with Cyclosporin A (Neoral); to be taken 4 hours after Cyclosporin A



Remember

- Avoid **grapefruit** or grapefruit juice
- May cause skin rash or oral ulcer. If severe, inform doctor and **maintain good oral hygiene**
- Do not take Rapamune until after blood taking on the day of blood checking. Resume **after blood taking**



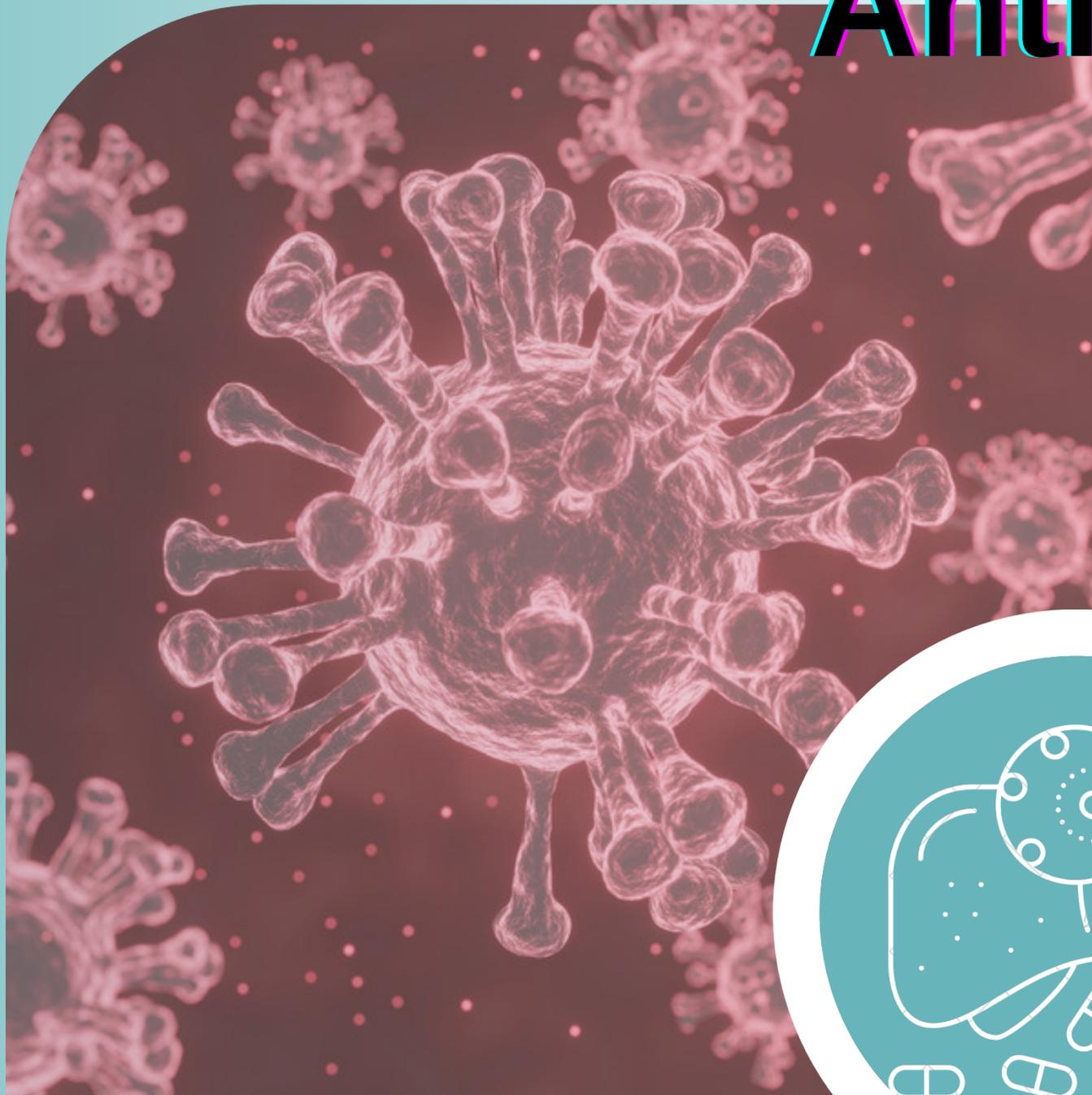
0.5 mg



1 mg

Antiviral Drugs

- Purpose: prevent reactivation of hepatitis B infection, leading to graft hepatitis
- Patients with chronic hepatitis B infection must continue **lifelong** antiviral medication
- **DO NOT STOP** hepatitis B antiviral drugs without doctor's approval. There may be serious consequences if there is hepatitis B reactivation





0.5 mg

Entecavir



When to take

- To be taken on an **empty stomach** (2 hour before or 2 hours after meal)





300 mg

Tenofovir Disoproxil Fumarate (Viread)



Also known as: **TDF**



25 mg

Tenofovir Alafenamide Fumarate (Vemlidy)



Also known as: TAF



100 mg



10 mg/ml

Lamivudine



Remark

- For children only



Infection Prophylaxis



- Liver transplant recipients have a higher risk of infection (in particular immediately after transplantation) due to the combination of major surgery and immunosuppressive therapy
- Infection prophylaxis helps to protect patients against certain bacterial, fungal, and viral infections, but not all
- **Good personal hygiene** should be maintained at all times

Valganciclovir (HCL) (Valcyte)

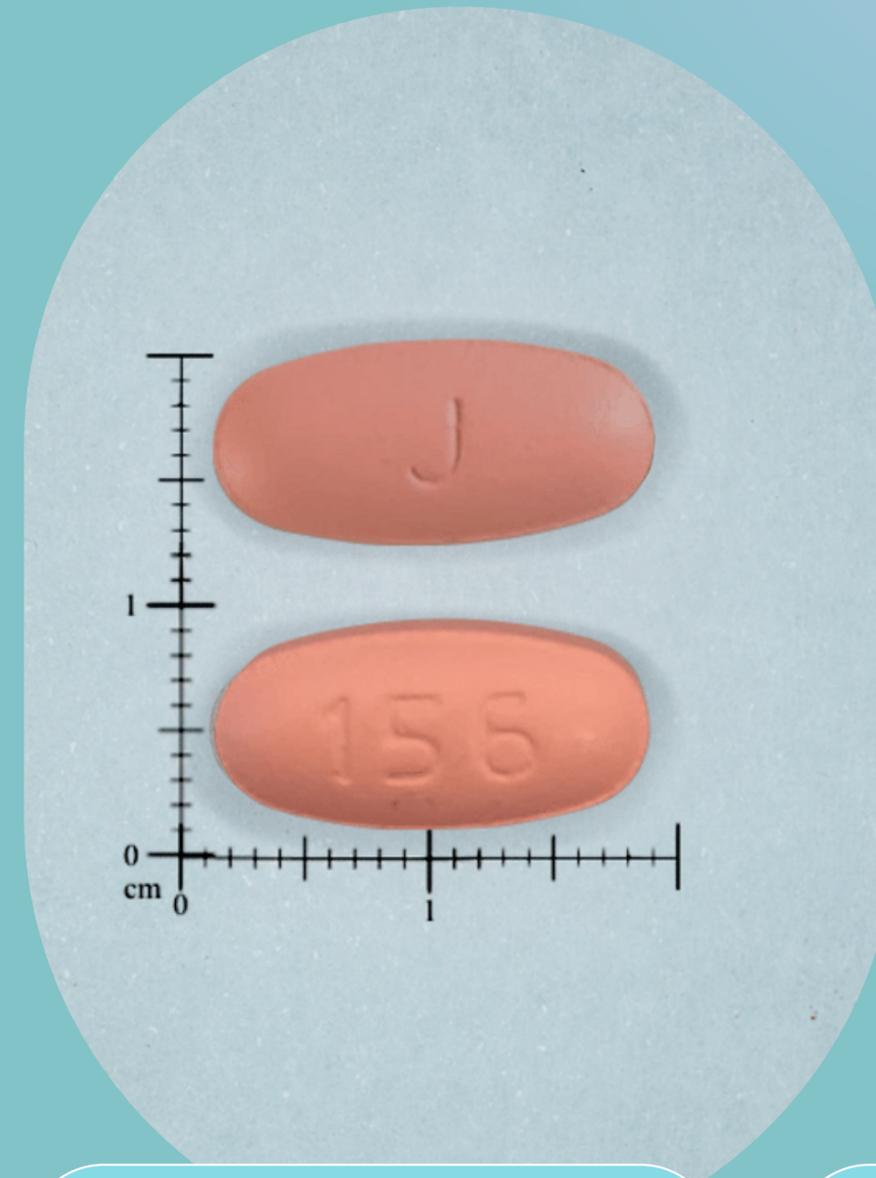


Prevents: **cytomegalovirus (CMV)**



Remember

- Avoid during **pregnancy or breast-feeding**
- **Shake well** before use for solution form



450 mg



50 mg/ml

Cotrimoxazole (Septrin)



Prevents: **Pneumocystis Jiroveci Pneumonia (PJP)**

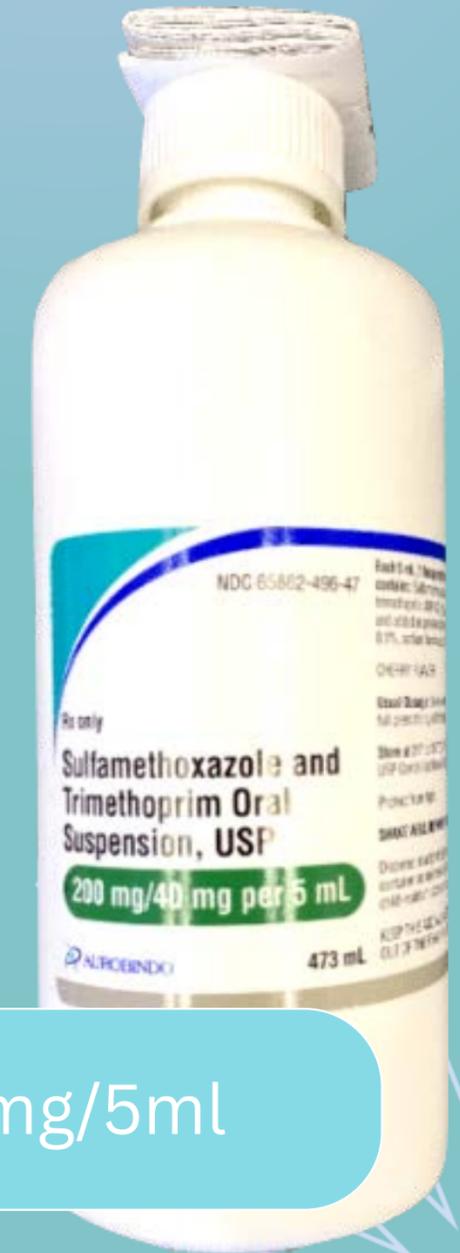


Remember

- Do not take Septrin if you have **G6PD deficiency**
- **Shake well** before use for solution form



480 mg



240mg/5ml

Fluconazole (Diflucan)



Prevents: **Fungal infections**



Remember

- Do not chew or open the capsule
- For suspension:
 - Shake well before use
 - Hold the suspension in your mouth for **3-5 minutes** before swallowing
 - Do not drink or eat for **30 minutes** after taking the medication



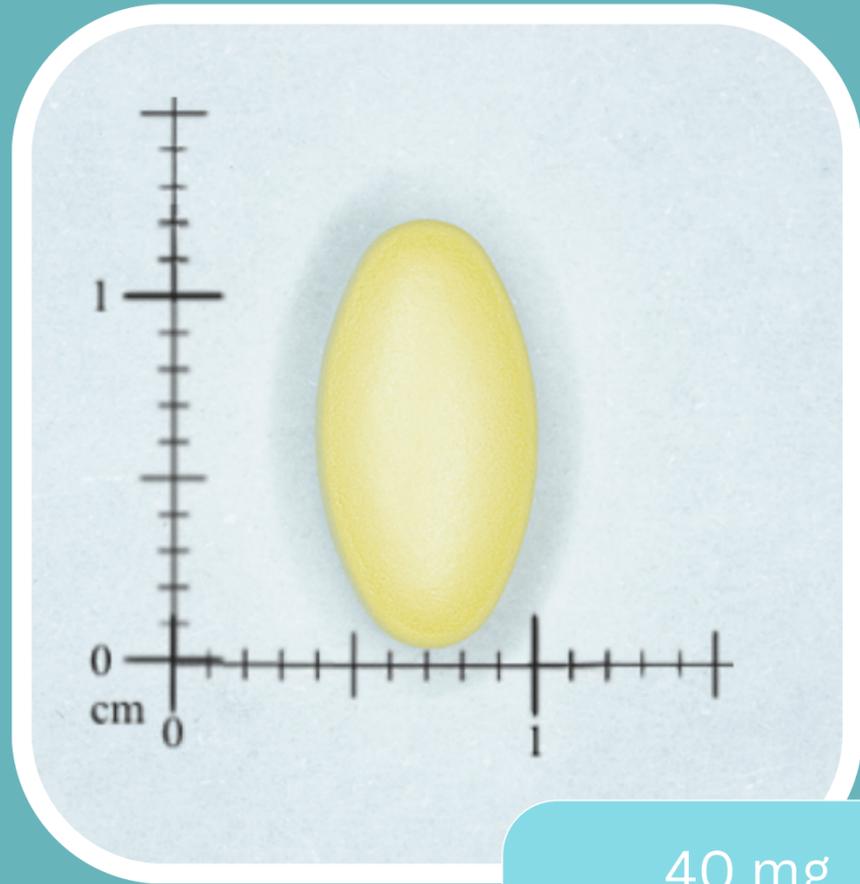
50 mg

150 mg



50mg/5ml

Proton-pump inhibitor



40 mg

Pantoprazole Sodium Sesquihydrate (Pantoloc)

- To be taken on an **empty stomach** (1 hour before meal)
- Discuss with doctor about stopping if no stomach pain/dyspepsia



40 mg

Esomeprazole Magnesium Trihydrate (Nexium)

- Discuss with doctor about stopping if no stomach pain / dyspepsia

Bile Salt



250 mg

**Ursodeoxycholic Acid
(Ursofalk)**

- **Avoid during pregnancy and breast-feeding**
- **Do not take antacid at the same time**

A black and white line drawing of a hand holding a scalpel, positioned on the left side of the image. The hand is gripping the handle, and the blade is extended upwards and to the right.

MORE QUESTIONS?

Large, stylized letters 'Q' and 'A' in a light orange color, set against a teal background. The 'Q' is positioned above the 'A'.

Please feel free to ask our
doctors and nurses!