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Bwrdd Iechyd Prifysgol
Aneurin Bevan
University Health Board

Advice for Diabetic Patients in Plaster Casts

Diabetes is a lifelong condition that can affect the nerves and blood vessels of your limbs especially your legs and feet. This can affect the feeling in your limbs and the blood supply to them.

When a cast is applied there is always a risk of pressure over the skin and skin breakdown. In view of this patients in plaster cast are advised to take special care of the limb where the plaster has been applied. As sensations can be altered in a diabetic patient, any change to the skin under the cast can be masked and not noted by the patient. That's why you will have to keep a close watch on the limb where the cast has been applied. This is because a lack of sensation can cause any underlying break in skin to become infected without you realising it.

Things you need to look out for

- Any swelling of the fingers / toes
- Any new pain or discomfort
- Change in colour of the fingers/ toes
- Pins and needles of fingers / toes
- Inability to move fingers / toes
- If you begin to feel unwell
- If there is any offensive smell from the cast
- Staining seen on the plaster which appears to be spreading from inside the cast

If you experience any of these then please return to the Department where the plaster cast was applied.

**If you are at all concerned about your injury, please contact the relevant
Emergency Department/Minor Injury Unit (MIU):**

Royal Gwent Hospital: 01633 234056

Nevill Hall Hospital: 01873 732073

Ysbyty Ystrad Fawr (YYF) MIU 01443 802353

GUH: 01633 493287

Ysbyty Aneurin Bevan (YAB) MIU: 01495 363318

Things you should do

- Make sure you check your blood sugars regularly
- Inspect the fingers / toes including the area between the fingers / toes daily.
- Nail care is also important. It's advised that you cut your nails straight across.
- If plaster gets wet, please contact the department where you were seen.
- It's important that you follow the advice in the Plaster Care advice leaflet.

You should have been given an information letter about your follow up with Trauma and Orthopaedics. If you have any concerns about when you will be seen, please contact them directly on the phone number given on the leaflet.

Reference:

Diabetic foot BMJ 2017; 359 doi: <https://doi.org/10.1136/bmj.j5064>

**This document is available in Welsh/
Mae'r ddogfen hon ar gael yn Gymraeg**