

Surgery Using X-rays

Patient information leaflet

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If you need this leaflet in a different language or accessible format
please speak to a member of staff who can arrange it for you.

اگر به این بروشور به زبان دیگر یا در قالب دسترس پذیر نیاز دارید،
لطفاً با یکی از کارکنان صحبت کنید تا آن را برای شما تهیه کند.

Jeśli niniejsza ulotka ma być dostępna w innym języku lub formie,
proszę skontaktować się z członkiem personelu, który ją dla Państwa przygotowuje.

Dacă aveți nevoie de această broșură într-o altă limbă sau într-un format accesibil,
vă rog să discutați cu un membru al personalului să se ocupe
de acest lucru pentru dumneavoastră

如果您需要本传单的其他语言版本或无障碍格式，请联系工作人员为您安排。

إذا احتجت إلى هذه النشرة بلغة أخرى، أو بتنسيق
يسهل الوصول إليه، يرجى التحدث إلى أحد الموظفين لترتيب ذلك لك.

During your operation, the surgical team may use a special X-ray camera (sometimes called a C-arm or fluoroscopy). This allows the surgeon to see inside the body in real time.

Benefits

- More accurate surgery – the surgeon can check that implants, screws or wires are in the correct place.
- Potential smaller cuts.
- Potential safer surgery.
- Potential shorter operation time.

Risks

- Radiation exposure – a small dose of X-rays is needed. The amount is carefully controlled and kept as low as possible.
- Allergic reaction to contrast dye (only if used). This is rare and staff are trained to deal with allergies.

How much radiation is used?

- The amount of radiation you receive during X-ray guided surgery is usually small.
- The exact amount depends on how long the X-ray camera is used and the type of operation.

Children and young people

For children or teenagers, we are especially careful to reduce the radiation dose. We always use the lowest dose possible that still gives clear images. The benefits of safer and more accurate surgery are considered greater than the small risk from radiation.

Pregnancy

If you are pregnant or think you might be, please tell any health care professional before the operation. Special precautions can be taken to protect your baby and in many cases the risks are still very low.

Alternatives

In some cases, other imaging methods such as ultrasound may be used for guidance. However, X-ray guidance is often the quickest, most accurate and most widely available option during surgery. If you have any further questions or concerns, please do not hesitate to discuss them with your surgical team.

