



Evaluation of the Use of
Charitable Funds to Purchase a
FAXITRON Biopsy Machine for
Prince Philip Hospital Breast Care
Unit

The Benefits to our Service

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Function of a Faxitron

The Charitable Funds Committee approved funding for a FAXITRON Biopsy Machine at its meeting on 9th March 2021. The funding request is available to view here:
[Charitable Funds Committee Meeting 9th March 2021 - Hywel Dda University Health Board \(nhs.wales\)](#)

The Faxitron machine is a Radiological System that allows us to perform a mammogram on breast specimens inside the operating theatre

It has a secure lead door and window with no risk of radiation to the surrounding area

The results are instantaneous and can provide an X-ray of the specimen in less than 60 seconds.

The machine is portable, easy to manoeuvre and is about the size of a dish washer with a computer monitor on top

Function of a Faxitron

The Faxitron machine provides a record of the operative procedure and its specimen

It assists Pathologists to obtain an orientation of the specimen. For example, what is close to the muscle underneath, or to the nipple to one side.

Benefits

This state-of-the-art specimen radiography machine decreases the need for a patient to return for further surgery

It is used to provide immediate x-ray specimens which demonstrate whether the edges of the specimen are visibly clear of cancer

We can now view the whole specimen that has been removed without having to leave the patients' side

The surgeon now remains in a sterile environment and scrubs remain clean – **no cross contamination**

Reduction in patients' general anaesthetic time

Has enabled us, when required, to remove additional tissue without any delay to the patient

If a specimen contains an indicator (for example, a small metallic clip or a wire) then the X-ray can confirm a complete removal of tissue if this is required

Conclusion

The purchase of the Faxitron machine has reduced the length of time for Surgical operating procedures and the length of time that a patient is under anaesthetic

Prior to the purchase of the Faxitron machine, Clinicians would be required to leave theatre with the specimen in a container and take it to the mammogram room for X-ray. After which the clinicians would have to phone the theatre with the result.



Elusennau Iechyd
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