

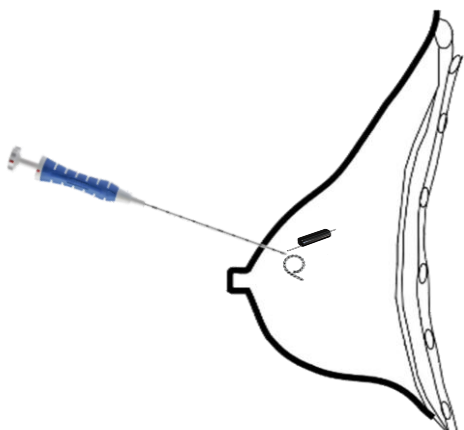


瑪麗醫院 Queen Mary Hospital



影像導引導航標記定位

Imaging guided Marker Localization



簡介

影像導引導航標記定位是將導航標記放置於乳房內的腫瘤 / 病變位置以便手術切除以作活組織化驗及病理分析

檢查前準備

- 檢查當天請攜帶以往相關的病歷記錄、私家乳房 X 光照片及報告
- 如懷疑或確定懷孕，應在檢查前通知本部門職員
- 檢查前無須禁食
- 檢查當天宜穿著鬆身衣服，避免穿著連身服飾

檢查過程

- 這項檢查由放射科醫生利用超聲波、X 光或在磁力共振影像導引下進行
- 首先在乳房腫瘤 / 病變附近的皮膚表面注射局部麻醉藥，然後在皮膚上開一個小切口
- 經切口將導航標記放置於乳房內的腫瘤 / 病變位置以便手術切除以作活組織化驗及病理分析
- 病人通常不會感覺到導航標記的存在
- 傷口通常毋須縫針，會自然癒合

檢查的特定風險及可能發生的併發症

- 局部麻醉藥過敏反應
- 傷口部位出血或有瘀痕（常見）
- 形成瘀血/血腫須作外科引流（不常見）

- 傷口疼痛及細菌發炎須引流及抗生素治療（不常見）
- 疤痕
- 導航標記移位
- 在罕見情況下，導航標記可能會自發性地斷裂、橫斷或碎裂而須要進一步接受侵入性或外科檢查程序或導致永久標記放置

檢查後須知

- 檢查後傷口部位會被妥善包紮，病人須用手在針刺部位加壓止血數分鐘。如感不適，請即通知醫生
- 注意保持傷口部位乾爽，避免沐浴時沾濕
- 傷口於檢查後三至四天癒合，便可除去包紮紗布
- 傷口部位可能出現瘀青屬正常現象，此情況於七至十天後自行消退
- 檢查後可如常進食。如有需要，可自行服用止痛藥
- 如有以下徵狀，請於辦公時間致電瑪麗醫院放射科乳房造影部
2255 5500/2255 4839

- 發燒超過 38.5°C/101.3°F
- 傷口滲液，紅腫
- 傷口劇痛

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| 瑪麗醫院 Queen Mary Hospital | Pamphlet Topic & Department Code |
| Ownership | QMH/Department of Radiology - 17 |
| Last review/revision | July/2024 |
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| Distribution | As requested |



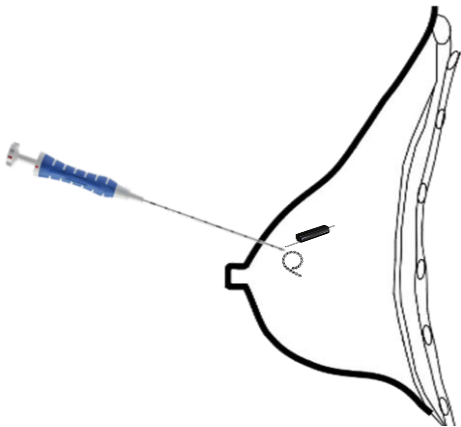
瑪麗醫院

Queen Mary Hospital



影像導引導航標記定位

Imaging guided Marker Localization



Introduction

Imaging guided Marker Localization is performed by using marker to locate a lesion / abnormality within the breast for surgical excision and pathological analysis

Preparation before the procedure

- **Please bring private mammograms and reports performed in other imaging units, if any**
- Please inform our staff before the examination if you are or may be pregnant
- Normal diet as usual
- Wear loose clothing and avoid jumpsuit on the day of the examination

Procedure

- The procedure is performed by the Radiologist under ultrasound / stereotactic / MRI guidance
- Under local anesthesia, a small stab wound on the skin near the breast lesion / abnormality is made by the Radiologist
- Using marker to locate the lesion / abnormality within the breast for surgical excision and pathological analysis
- Patient usually may not feel the presence of the marker
- Suture may not be necessary. The wound will heal on its own

Possible Risks or Complications


- Allergic reaction to local anesthetic agent
- Bleeding and bruising around insertion site (common)
- Blood clot/hematoma formation which may require surgical drainage (uncommon)

- Wound pain and infection requiring drainage and/or antibiotic treatment (uncommon)
- Scar
- Marker migration
- In rare occasion, the localization marker may fracture spontaneously, may be transected or fragmented requiring further interventional / surgical procedure or become permanent marker placement

Aftercare

- After the procedure, the wound will be dressed. You should press the dressed wound for several minutes to stop bleeding. Please inform our staff if there is any discomfort
- Keep the wound dry, avoid wetting it during shower
- The wound will heal in 3 to 4 days after the procedure. The dressing can be removed then
- It is normal for bruising to occur at the wound site, which will subside on its own after 7 to 10 days.
- Resume normal diet after the procedure. Pain killer can be taken if necessary
- If the following symptoms occur, please contact Breast Imaging Unit, Department of Radiology, Queen Mary Hospital, at 2255 5500/ 2255 4839 during office hours

- Fever higher than 38.5°C/101.3°F
- Abnormal discharge, oozing, swelling or redness from the wound
- Severe wound pain

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