Supplemental Digital Content 1: Implant Salvage Protocol – Outline

Antibiotic regimen determined in collaboration with Infectious Diseases Unit. Complete the following under general anaesthesia (or under sedation in sterile, operating theatre conditions):

Explantation of the prosthesis after determination of severe peri-prosthetic infection
1) Breast pocket is opened and prosthesis removed
2) Thorough debridement to healthy tissue (including debridement of any non-integrated mesh)
3) Fluid and tissue samples from two different areas of the pocket are sent for MCS as well
4) Wash pocket with povidone-iodine and normal saline
5) Insert NPWTi dressing.

Change of the NPWTi dressing at two to three-day intervals
1) Remove NPWTi dressing
2) Wash breast pocket and debride further if needed
3) Fluid and tissue samples from two different areas of the pocket are sent for MCS as well
4) Insert new NPWTi dressing

Insertion of a new breast prosthesis
1) A new tissue expander or implant is inserted when:
   a) At least one negative culture result has been obtained, and
   b) Presence of healthy pink granulation tissue of the breast pocket.
2) If an expander is inserted, exchange of tissue expander to a permanent implant several months later.