Military Hospital Queen Astrid - Burn Center
Human Cells & Tissue Bank

Accredited Human Skin Bank
(R.I.Z.I.V. / I.N.A.M.I. 7-19001-60-212)
Accredited Human Keratinocyte Bank (R.I.Z.I.V. / I.N.A.M.I. 7-19001-60-219)
Donor Skin

- Used in the treatment of deep 3th degree burn wounds
- Prevents further loss of calories and fluid
- Permits healing of the wound bed as preparation for auto grafting of skin
- In children with second degree burns, donor skin can be used as temporary dressing, diminishing pain as well as the need for skin replacement surgery
Donor Skin

- Cryo preserved
  - Thinner
  - Viability
  - Immunogenic
  - Storage needs (< -135°C)

- Glycerol preserved
  - Thick, stiff
  - Non viable
  - Less immunogenic
  - Easy storage
Skin Harvesting
Skin Harvesting

![Hibitane](image1)

![Skin Harvesting Procedure](image2)

![Skin Sample](image3)
Skin Harvesting
Skin Harvesting
Skin Harvesting
Skin Harvesting
Skin Conditioning
Conditioning
Conditioning
Preservation
Skin: Ready-to-use

- Skin will be released from quarantine after obtaining all microbiological and serological test results
- Each sample is accompanied by a quality certificate
- Thawing at 37°C (bain-marie)
Use on Burns
Use on Burns
Use on Burns
Use on Burns
Thanks

Accredited Human Skin Bank
(R.I.Z.I.V. / I.N.A.M.I. 7-19001-60-212)

Accredited Human Keratinocyte Bank
(R.I.Z.I.V. / I.N.A.M.I. 7-19001-60-219)

of the Burn Center / Mil. Hosp. N.O.H. (HCB QA) / Brussels

Skin- & Keratinocyte Bank
Tel. 02 264 4854 / Fax. 02 264 4833

thomas.rose@mil.be
gilbert.verbeken@mil.be