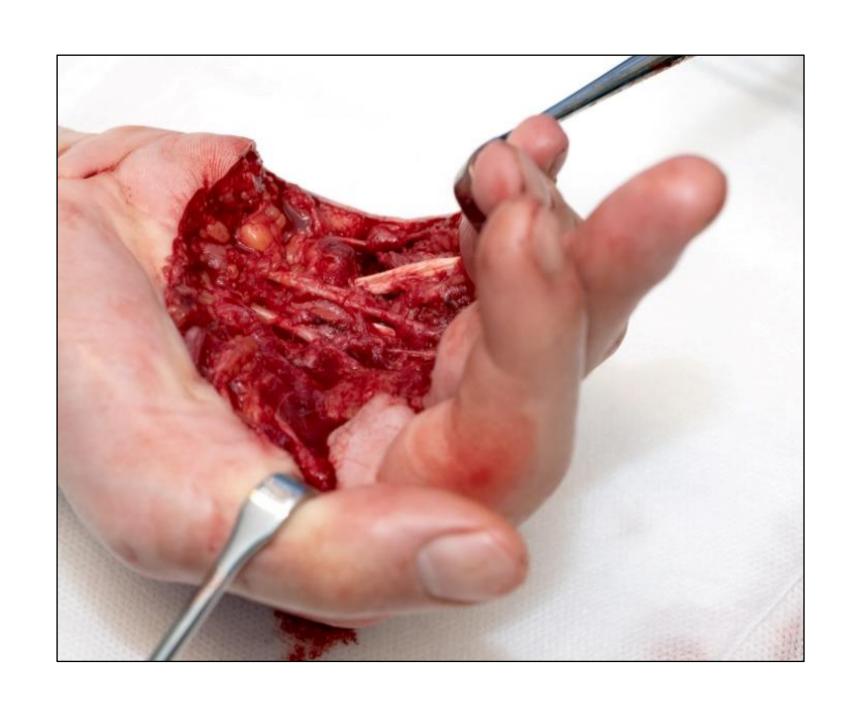
Pedicled groin flap reconstruction in a severe case of recurrent Dupuytren's disease – a case report

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Case:

- 33-year-old Swedish male
- **Bilateral** palm and all fingers including the thumb and first web space
- The Family history. Mother and uncles.
- Previously undergone **six procedures** of the right hand; percutanous needle fasciotomy once and five fasciectomies, two of which were combined with full thickness grafts. He had also undergone surgery for **Lederhouse's**.
- Unexplained stiff joints throughout the body and develops hypertrophic scars.
- Nonsmoker and consumes no alcohol.







Preoperatively

Methods

A reverse radial forearm flap was avoided due to large tattoos. A groin flap was therefore used to cover the right palm after extensive dermofasciectomy.

Discussion

The pedicled groin flap can be a good option in severe cases of recurrent Dupuytren´s disease. The patient was happy with the result and has asked to undergo the same procedure on the other hand as well.



Results:

No recurrence had occurred under the flap at the 12-month follow up. One year after surgery the grip strength and opening grip between thumb and index finger was improved and the self-assessment questionnaires (MHQ, URAM) indicate better subjective hand function.



