

Pedicated 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

👨👩👦 **Family history.** Mother and uncles.

✂️ Previously undergone **six procedures** of the right hand; percutaneous 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.



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.