

# What do patients think about rhomboid flap scars?

<b>Submission date</b>	<b>Recruitment status</b>	<input type="checkbox"/> Prospectively registered
05/12/2021	No longer recruiting	<input type="checkbox"/> Protocol
<b>Registration date</b>	<b>Overall study status</b>	<input type="checkbox"/> Statistical analysis plan
14/12/2021	Completed	<input checked="" type="checkbox"/> Results
<b>Last Edited</b>	<b>Condition category</b>	<input type="checkbox"/> Individual participant data
06/01/2023	Surgery	

## Plain English summary of protocol

### Background and study aims

The rhomboid flap is a popular reconstructive technique for skin defects. However, no study to date has explored the patient's perceptions of this technique. The aim is to try to answer that question.

### Who can participate?

An adult who has undergone rhomboid flap surgery at UPMC Hamot, Erie, PA (USA)

### What does the study involve?

Patients complete an outcome questionnaire to record their views about appearance and satisfaction of the scar at one year after the procedure.

### What are the possible benefits and risks of participating?

The data will help guide future patients about anticipated scars. No risk of participating. The participation is voluntary.

### Where is the study run from?

University of Pittsburgh (USA)

### When is the study starting and how long is it expected to run for?

April 2021 to August 2021

### Who is funding the study?

Investigator initiated and funded

### Who is the main contact?

Ajaipal S Kang MD, drjaykang@gmail.com

## Contact information

### Type(s)

Public

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## Additional identifiers

**Clinical Trials Information System (CTIS)**

Nil known

**ClinicalTrials.gov (NCT)**

Nil known

**Protocol serial number**

Nil known

## Study information

**Scientific Title**

Assessment of rhomboid flap scars: a patient-reported outcome study. A case series

**Study objectives**

Patients believe that the rhomboid flap scars are well-matched with their skin and are satisfied with the scars.

**Ethics approval required**

## Old ethics approval format

### **Ethics approval(s)**

Approved 07/04/2021, University of Pittsburgh Institutional Review Board (Human Research Protection Office, 3500 Fifth Avenue, Main Office, Suite 106, Pittsburgh, PA 15213, USA; +1 412 383-1480, askirb@pitt.edu), ref: STUDY21030045

### **Study design**

Retrospective observational case series

### **Primary study design**

Observational

### **Study type(s)**

Treatment

### **Health condition(s) or problem(s) studied**

Rhomboid scar quality

### **Interventions**

The researchers studied 100 consecutive rhomboid flaps performed in 73 patients by a single surgeon. After at least 1 year from flap completion, a validated published Patient Scar Assessment Questionnaire (PSAQ) by Durani et al was completed for each of the 100 flaps.

### **Intervention Type**

Procedure/Surgery

### **Primary outcome(s)**

Appearance and satisfaction scores of rhomboid scar quality measured using a questionnaire at least one year post procedure

### **Key secondary outcome(s)**

Demographic information: age, gender, size of scar measured using patient records at least one year post procedure

### **Completion date**

01/09/2021

## **Eligibility**

### **Key inclusion criteria**

All consecutive patients 18 years and older who underwent reconstruction of a cutaneous defect using a rhomboid flap between 01/09/2019 and 31/01/2020 by the primary author

### **Participant type(s)**

Patient

### **Healthy volunteers allowed**

No

**Age group**

Adult

**Lower age limit**

18 years

**Sex**

All

**Total final enrolment**

73

**Key exclusion criteria**

1. Rhomboid flap performed in patients aged under 18 years
2. Patients with incomplete data
3. Deceased patients
4. Individuals with non-rhomboid flap method of reconstruction

**Date of first enrolment**

01/05/2021

**Date of final enrolment**

21/08/2021

## Locations

**Countries of recruitment**

United States of America

**Study participating centre**

UPMC Hamot

201 State Street

Erie

United States of America

16507

## Sponsor information

**Organisation**

UPMC Hamot

**ROR**

<https://ror.org/038fqcc39>

# Funder(s)

## Funder type

Not defined

## Funder Name

Investigator initiated and funded

# Results and Publications

## Individual participant data (IPD) sharing plan

Raw data will not be made available due to privacy.

## IPD sharing plan summary

Not expected to be made available

## Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
<a href="#">Results article</a>		07/02/2022	06/01/2023	Yes	No