

# Patient satisfaction and quality of life following surgery for Hidradenitis suppurativa

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Poster # 24

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## Introduction

- Hidradenitis suppurativa (HS) = chronic debilitating skin disease
- HS : impact on quality of life++
- Surgery : improve patients' quality of life (QoL)

The aim of this study was to assess patients' QoL and satisfaction following surgery for HS and evaluate objective surgical outcomes.

## Materials and methods

- Observational multicenter prospective study between 2020 and 2021.
- Objective:
  - Evaluate the evolution of patients' QoL using DLQI
  - Evaluate satisfaction using a questionnaire patient-reported, prior to the surgery at 1, 6 and 12 months following surgery
- Data collected : Demographic data; Disease data; Time to wound healing; complications after surgery, recurrence, treatment
- Basic descriptive statistics were made to analyze the study population and outcomes.

## Results

- 76 patients were included ( table ).
- Mean DLQI at inclusion was 14,3.
- Most procedures were performed among patients with advanced disease in inguino-perineal localization (50%).
- DLQI Improvement Over Time
  - Preoperative DLQI: 14.3±6.8
  - DLQI at 6 months: 5.5±5.7 (Mean improvement: 8.9±8.3; p<0.001)
  - DLQI at 1 year: 4.6±5 (Mean improvement: 9.7±6.8; p<0.001)
- Clinically Significant Improvement
  - 48 patients (63.2%) showed a significant DLQI improvement (>4 points) between inclusion and 1 year after surgery
- Overall Patient Satisfaction
  - Most patients expressed satisfaction
  - Satisfaction Metrics Over Time
  - 1 Month : 98.6% would undergo surgery again. 97% would recommend
  - 6 Months : 100% would undergo surgery again. 100% would recommend
  - 1 Year : 100% would undergo the surgery 97.8% would recommend.
  - Patient Recommendations: Strong consistency in patients recommending the surgery to their relatives.

Table 1: Patients' characteristics

	n (%)	Mean (SD)
Age		32,3 (9,1)
Sex: Female	54 (71,1%)	
BMI		26,6 (6,0)
Smoking status: Smoker	50 (65,8%)	
Hurley stage		
I	6 (7,9%)	
II	37 (48,7%)	
III	33 (43,4%)	
ISH4 at inclusion		11,8 (7,9)
DLQI at inclusion		14,3 (6,8)
Treatment at inclusion		
None	21 (27,6%)	
Flare-up only Atb	5 (6,6%)	
Background Atb	46 (60,5%)	
Biotherapy	4 (5,3%)	

Figure 2: DLQI score improvement at 1, 6 and 12 months

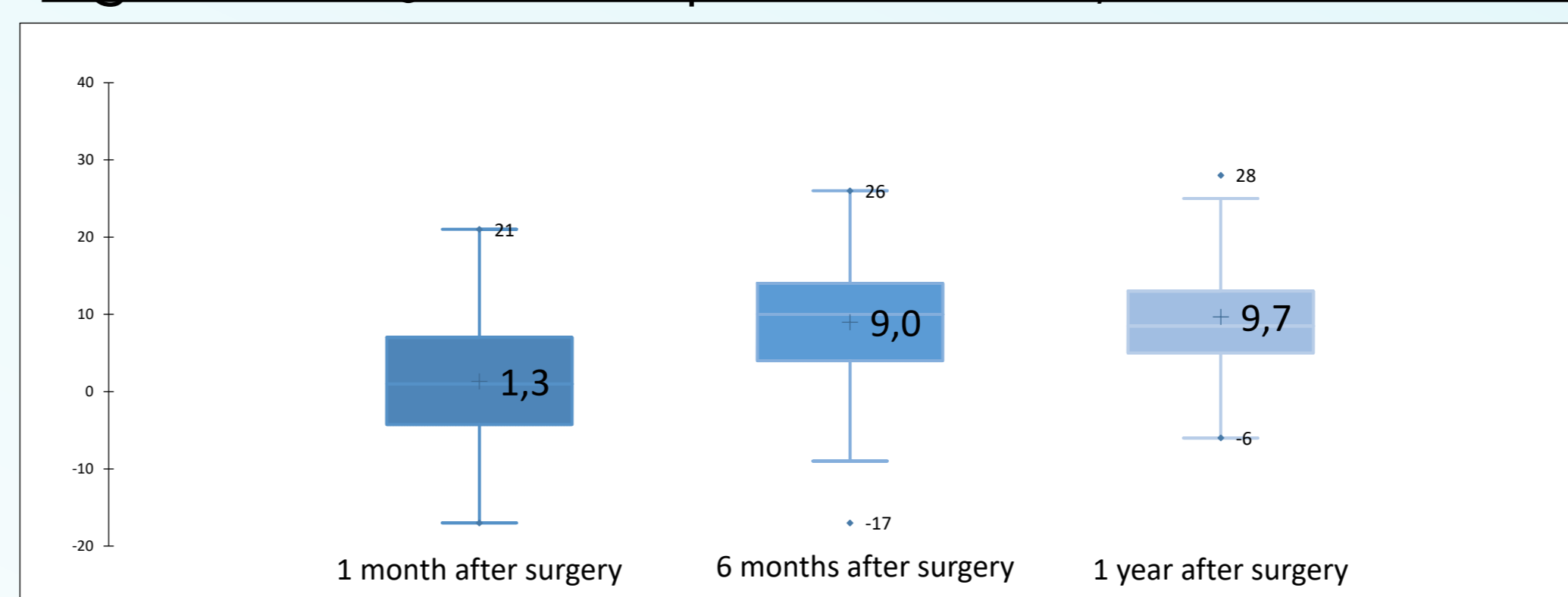


Figure 3: Patients' satisfaction

Would you do it again ?

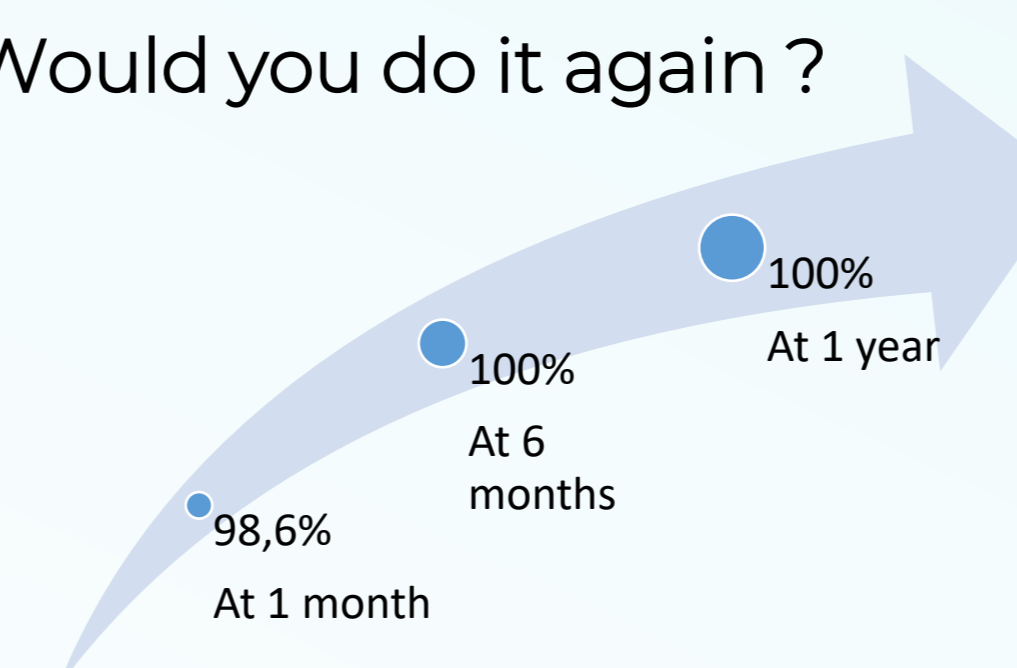
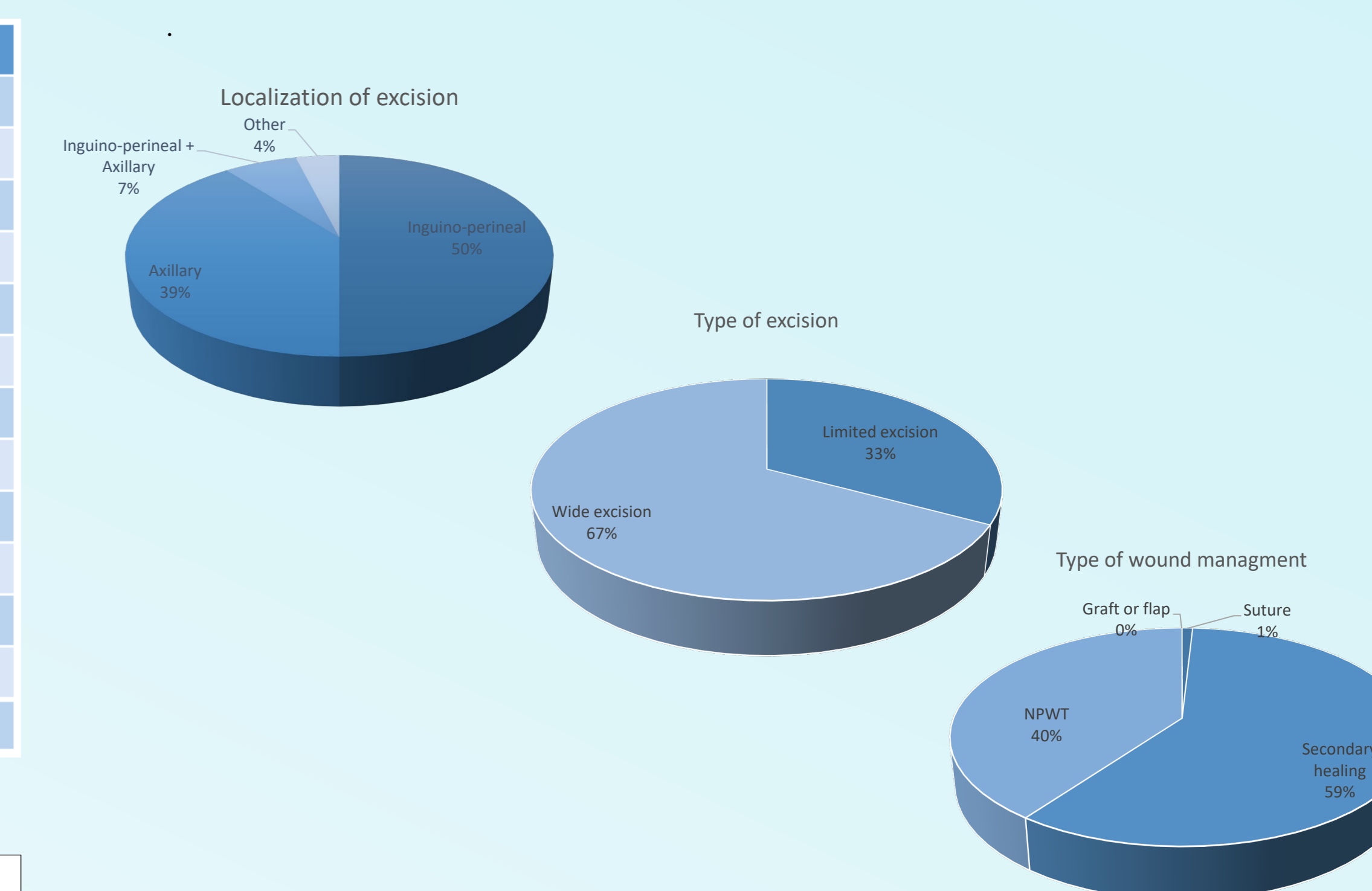


Figure 1: Procedure performed



## Conclusion

Our study finds that HS surgical management improves QoL and is well regarded by patients. It should be considered by future patients to improve their QoL.