USE OF ADALIMUMAB FOR HIDRADENITIS SUPPURATIVA

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L04 - Immunosuppressive agents

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BACKGROUND

Adalimumab is antibody against tumor necrosis factor-α currently indicated for moderate to severe hidradenitis suppurative (HS).

PURPOSE

To assess **effectiveness** and **safety** of adalimumab in patients with HS.

MATERIAL AND METHODS

A **retrospective study** of patients with HS and treated with adalimumab was developed.

MEASURED VARIABLES: age, gender, previous treatment and regimen therapy

EFFECTIVENESS

- Primary endpoint: Hidradenitis Suppurativa Clinical Response (**HiSCR**): ≥75% reduction (**AN75**) in Total abscess and nodule from baseline
- Secondary endpoint: **Hurley Stages**: 3 clinical stages → The highest stages more severe
- Secondary endpoint: Hidradenitis Suppurativa-Physician's Global Assessment (**HS-PGA**): 6 points ranges → From clear to very severe

RESPONSE TIME (weeks)

0 — 24 — 48

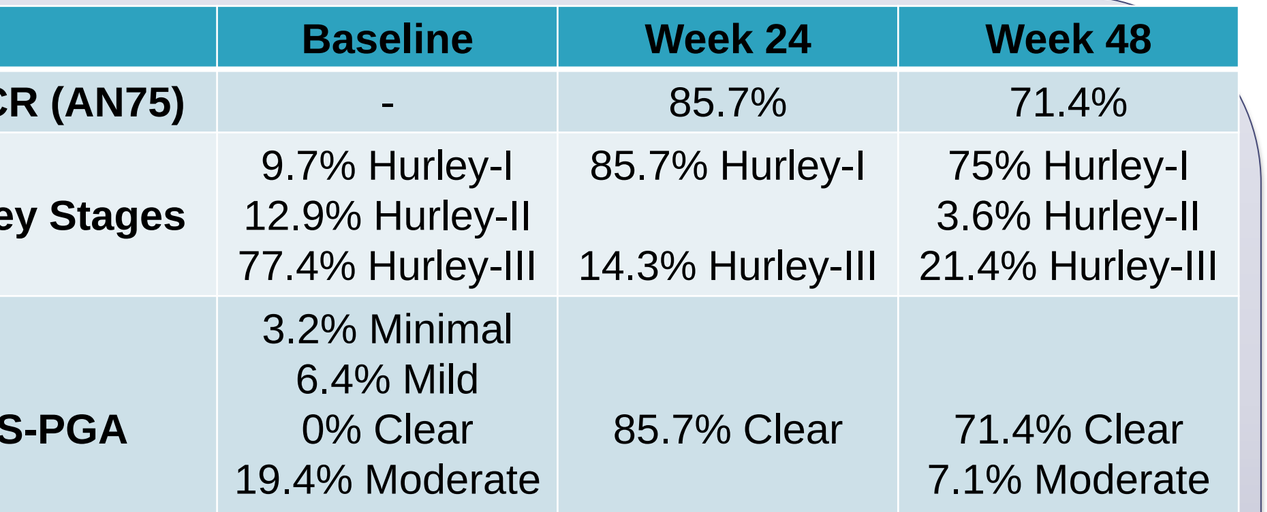
SAFETY

- Adverse reactions (**RA**)
- **Withdrawal treatments**

RESULTS

- **Patients**: 31. Women: 16.
- **Mean age**: 43 (14-65) years.
- **Previous treatment**: infliximab in 12(40%) patients.
- **Treatment regimen**: 80 mg at week 0 followed by 40 mg at week 1, and 40 mg every other week via subcutaneous in 29 (93.6%) patients and 80 mg at week 0 followed by 40 mg weekly in 2 (6.4%) patients.
- **Increments frequency**: 8 patients to 40 mg weekly.
- **RA:** 26 episodes in 17 (54.8%) patients.
- **Withdrawal treatments**: 3 by RA:
  - 1 arthropathy
  - 1 abdominal pain
  - 1 vision disorder

	Baseline	Week 24	Week 48
HiSCR (AN75)	-	85.7%	71.4%
Hurley Stages	9.7% Hurley-I 12.9% Hurley-II 77.4% Hurley-III	85.7% Hurley-I 14.3% Hurley-III	75% Hurley-I 3.6% Hurley-II 21.4% Hurley-III
HS-PGA	3.2% Minimal 6.4% Mild 0% Clear 19.4% Moderate 45.2% Severe 25.8% Very Severe	85.7% Clear 14.3% Severe	71.4% Clear 7.1% Moderate 3.6% Severe 17.9% Very severe



CONCLUSION

1. Adalimumab showed an improvement in clinical endpoints in the most patients with HS at week 24 and 48.
2. More than half of patients recorded RA, mainly abdominal pain and hyperglycemia.
3. Some RA leading to withdrawal treatments.