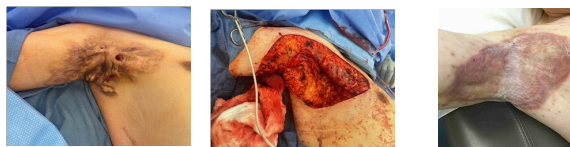


## Multimodal Therapy Treatment in Patients with Extensive and Advanced Hidradenitis Suppurativa of Multiple Areas

**BACKGROUND:** Hidradenitis suppurativa (HS) is a chronic inflammatory skin condition characterized by painful sinus tracts and significant scarring. It involves the terminal hair follicle-glandular apparatus and causes severe pain in the areas of inflammation with lesions in the apocrine gland-rich regions of the body. These areas include the axilla, groin, perianal and under the breast and pannus. The treatment of this devastating disease includes a combination of medical and surgical modalities. Hidradenitis suppurativa is a devastating disease, not only physiologically, but psychologically as well. Unfortunately, it affects thousands of patient's daily life. The cases discussed in the report describe the multimodal approach to the patients with focus on surgical reconstruction of the most affected areas and control with medical management to improve long term outcomes. In this case series we are presenting patient with chronic HS who required multiple treatment modalities including surgical intervention.

- Case 1:** 29 y/o male with anemia of chronic disease and HS since he was 17 years of age. However, he was not diagnosed until years later. He had recurrent episodes of abscesses and bleeding from the affected areas as well as severe pain. Previous treatments consisted of long course antibiotics, cosentyx and prior I&D. He was admitted to the hospital with leukocytosis, tachycardia and with worsening anemia. After control of the acute infection, the patient underwent excision and grafting as shown below

Right axilla



Left axilla



August 28

December 4

- Case 2:** 32 y/o female with anemia or chronic disease and HS since he was 21 years of age. She had recurrent episodes of abscesses and bleeding from the affected areas as well as severe pain. Previous treatments consisted of long course antibiotics, Humira (without success) and prior I&D. She was seen as outpatient with well controlled disease at the time of presentation, however with significant tissue destruction and recurrent drainage and swelling. She was preoperative optimized for surgery with long course of antibiotics, vit C, D, A and zinc along with glutamine/arginine/HMB. The patient underwent excision and grafting of multiple areas including the groin and perineum and peri-labial.

Groin, perineal and peri-labial



May, 24

July 28

**DISCUSSION:** HS is a complex disease that requires multimodal treatment including medical and surgical approaches. As more research is being done, we start to understand better this devastating disease, however we still have long ways to go.