

## HIDRADENITIS SUPPURATIVA (HS)



### What is HS?

Hidradenitis suppurativa (HS) is a chronic and progressive inflammatory dermatological condition with skin nodules, abscesses, and scarring, resulting in significant pain

- The disease usually affects skin folds where the skin rubs together, including the armpits, groin, buttocks, and breasts, and it can be a serious impediment to daily quality of life, deeply affecting social, working, and psychological aspects
- HS typically occurs after puberty, with the average age of onset in the second or third decades of life and with a female predominance (3x more likely than males)
- People of black or biracial origin disproportionately suffer from HS.
- HS is estimated to affect between <1% and 4% of the population in the United States and Europe



Hidradenitis Suppurativa, Gregor B.E. Jemec, M.D., D.M.Sc., *N Engl J Med* 2012; 366:158-164



### How is HS diagnosed?

There is no skin or blood test to diagnose HS.

- The diagnosis of HS is made by lesion appearance, location and progression
- The symptoms of HS are often be mistaken for the symptoms of folliculitis



## HIDRADENITIS SUPPURATIVA (HS)

### What causes HS?



The cause of HS remains unclear although it is known that HS is a multifactorial disease in which genetic and environmental factors may play a key role, including smoking and obesity

- The primary event in disease development is thought to be follicular occlusion, resulting in dilation and cyst formation, followed by rupture of the hair follicle
- The introduction of follicular contents into the surrounding dermis induces an inflammatory response and subsequent formation of abscesses, dermal tunnels, fibrosis, and scars
- HS is generally considered to be a result of over-activity of the immune system, which causes inflammation of the skin. This may also result in systemic inflammation, contributing to joint pain or fatigue



### What are the available treatments for HS?

Patients can be treated with a range of medicines including steroid injections, topical and systemic antibiotics, oral retinoids, OTC pain medication, hormonal therapies and immune-modulating biologics therapies

- These treatments are used to control symptoms but have limited success and currently there is no cure for HS

### Aristea's Clinical Trial: RIST4721-221



RIST4721-221 is a randomized, double-blind, placebo-controlled, Phase 2a study to evaluate the efficacy and safety of RIST4721 in subjects with hidradenitis suppurativa

Connect with us and learn more



@AristeaTX



Aristea Therapeutics



[www.aristeatx.com](http://www.aristeatx.com)