



Genuity Science's Inflammatory Bowel Disease (IBD) Research Study Update

STUDY INFORMATION		PARTICIPANTS TO DATE		STUDY DATA (N:3,502)	
 Inflammatory Bowel Disease (IBD)		 4,600 Recruited		Crohn's Disease 56% Ulcerative Colitis 44%	
5 YEAR Recruitment Period		 3,502 Analysed			
 Expected Completion Date 2022		 46 YEARS Average Age of Participants			
 32 Research Study Sites		 48%  52%			

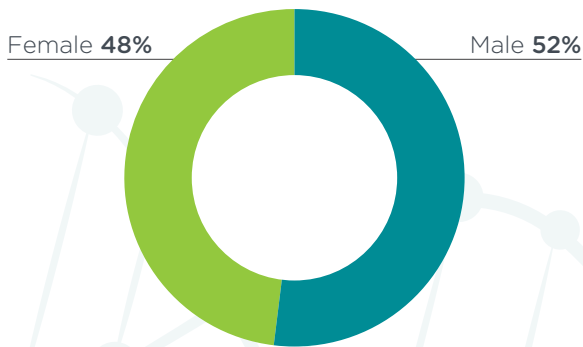
STUDY FINDINGS TO DATE

All findings are based on preliminary data and are subject to change

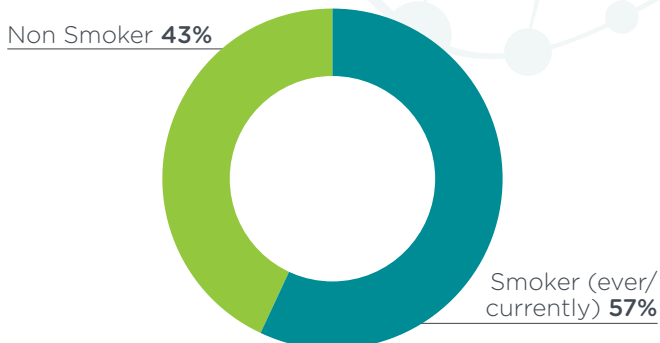
Crohn's Disease

Average age at diagnosis: 30 years

Participants with a Diagnosis of Crohn's Disease (N:1,966)



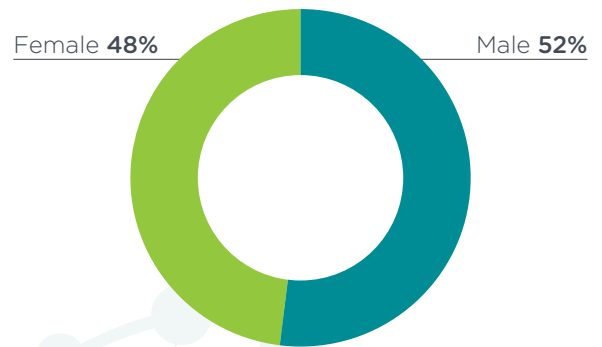
History of Smoking (N:1,966)



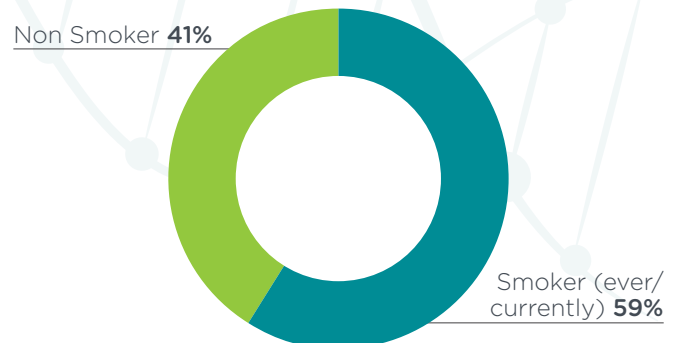
Ulcerative Colitis

Average age at diagnosis: 36 years

Participants with a Diagnosis of Ulcerative Colitis (N:1,536)



History of Smoking (N:1,536)



Please visit our website at phi.genuitysci.com for more information

STUDY FINDINGS TO DATE

We hope that building on this data will help strengthen our knowledge of IBD and provide greater insight for future treatments.

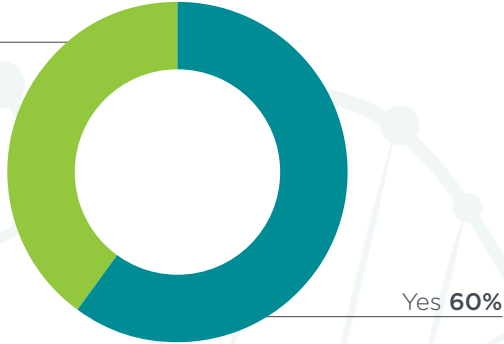
Crohn's Disease

Ulcerative Colitis

Immunomodulator Treatment (N:1,966)

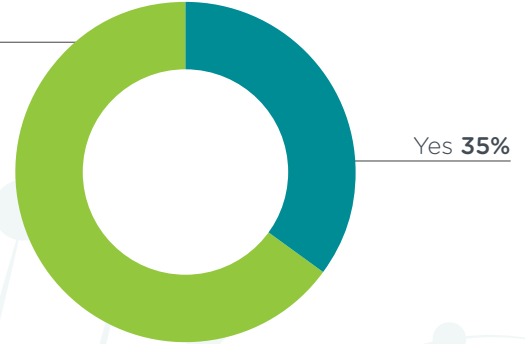
Immunomodulator Treatment (N:1,536)

No 40%



Yes 60%

No 65%

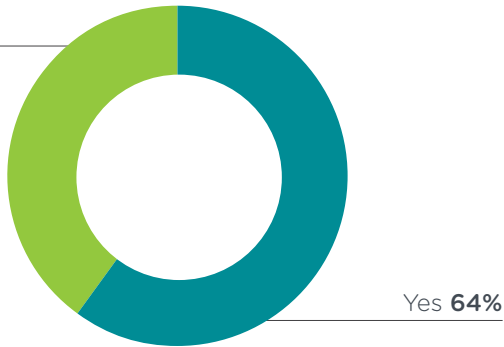


Yes 35%

Biologic Treatment (N:1,966)

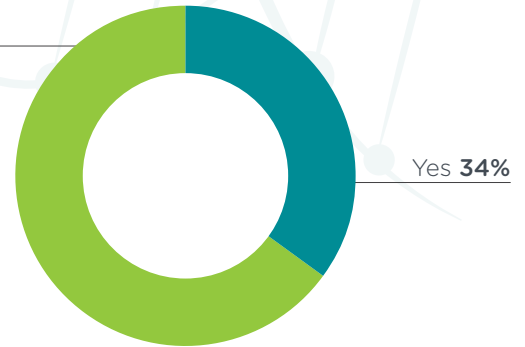
Biologic Treatment (N:1,536)

No 36%



Yes 64%

No 66%



Yes 34%

All information is correct at time of publishing.

Upcoming Study Plans

The study will continue to recruit patients diagnosed with IBD across Ireland.

Why do we need genomic research?

We do not know exactly what causes Inflammatory Bowel Disease (IBD), a term which describes Crohn's disease and Ulcerative Colitis, but scientists believe that a combination of factors including genetics, an abnormal reaction of the immune system, viruses, bacteria and other environmental factors may be at play. By exploring the relationship between genomics, the environment, and other supposed risk factors, Genuity hopes to better understand the possible causes of IBD. Having a deeper understanding of the causes will accelerate the process of finding better diagnostics and more effective treatments for this complex disease.

If you'd like to learn more about participating in this study, please visit our precision health initiative website at phi.genuitysci.com