

A background image showing several Erlenmeyer flasks on a laboratory rack. The flasks contain liquids of various colors: green, yellow, and blue. The lighting is soft, creating a professional scientific atmosphere.

# Glomerulosclerosis & Genetics

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**CAN GENETICS PLAY A ROLE IN  
ACCESSING IMPROVED HEALTH**

By: Mitzi Mack, EdD



## Client's Account

A 52 year old African American male presents with a diagnosis of glomerulosclerosis, after a week long stay in the hospital in which he believed he suffered from food poisoning. Upon receiving this diagnosis, and an appointment with a specialist in Nephrology, he is sent home.

Questions the client has are: What is FSGS?

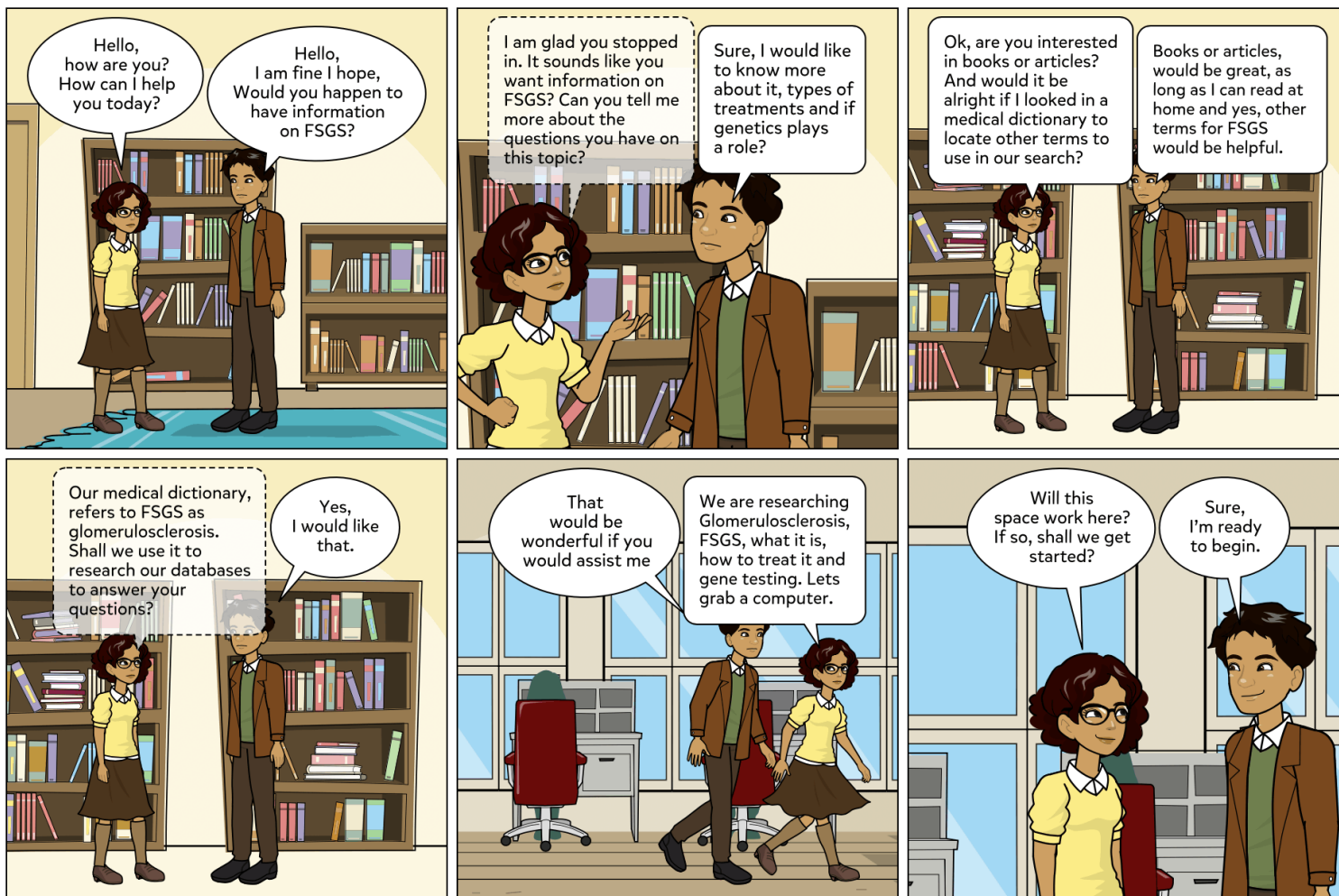
How can FSGS be treated? Is it terminal?

Could genetic testing have revealed I was a candidate for this diagnosis?

With genetic testing, will early intervention provide less impact of the disease?

With genetic testing, and aggressive treatment factors, will the disease have less impact?





# Reference Interview

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# Resources – NIH : National Institute of Diabetes and Digestive and Kidney Disease

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<https://www.niddk.nih.gov/health-information/kidney-disease/glomerular-diseases>

## Glomerular Diseases

This article discusses diseases that affects the kidneys, providing illustrations and explanations in response to a number of questions.

<https://www.niddk.nih.gov/health-information/kidney-disease/race-ethnicity>

## Race, Ethnicity and Kidney Disease

Details research about kidney disease among African Americans and Hispanics.



# Resources – NIH- National Library of Medicine

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<https://www.ncbi.nlm.nih.gov/pubmed/32309294>

**Morphological Features of Minimal Change Disease and Focal Segmental Glomerulosclerosis Using Repeat Biopsy and Parietal Epithelial Cell Marker**

A case study of an individual with MCD and FSGS.

<https://medlineplus.gov/ency/article/000478.htm>

**Focal segmental glomerulosclerosis**

Brief article listing the causes of this disease

[https://www.cochrane.org/CD003233/RENAL\\_immunosuppressive-treatment-for-focal-segmental-glomerulosclerosis-in-adults](https://www.cochrane.org/CD003233/RENAL_immunosuppressive-treatment-for-focal-segmental-glomerulosclerosis-in-adults)

**Immunosuppressive treatment for focal segmental glomerulosclerosis in adults**

Focuses on a treatment regimen for patients of FSGS.

# Resources – NIH : National Library of Medicine

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<https://clinicaltrials.gov/ct2/show/record/NCT04235621?cond=Glomerulosclerosis&entry=US&draw=2&rank=10>

**A Study to Understand the Genetics and Clinical Course of Focal Segmental Glomerulosclerosis (FSGS), Treatment-Resistant Minimal Change Disease (TR-MCD), and Diabetic Nephropathy (DN)**

Clinical Trial and its process

<https://ghr.nlm.nih.gov/gene/INF2>

**INF2 gene**

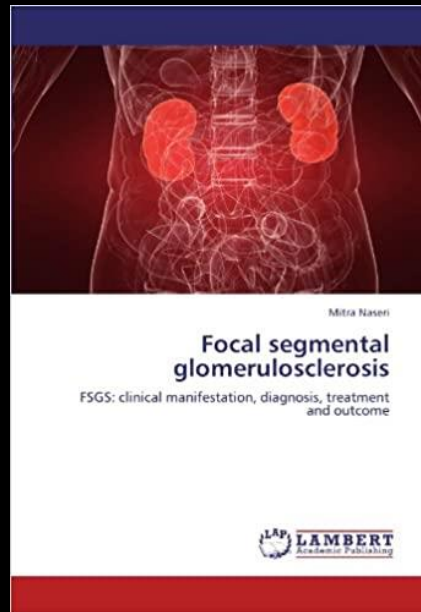
Article detailing the impact of  
an individual with the INF2  
gene and FSGS.



# Literature Available on the Topic

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A BOOK THAT PRESENTS MEDICAL CHALLENGES AND SOLUTIONS FOR CANDIDATES OF FSGS



THIS IS A QUICK REFERENCE RESOURCE

[HTTPS://ACCESSMEDICINE.MHMEDICAL.COM/CONTENT.ASPX?BOOKID=2683&SECTIONID=225131022](https://accessmedicine.mhmedical.com/content.aspx?bookid=2683&sectionid=225131022)



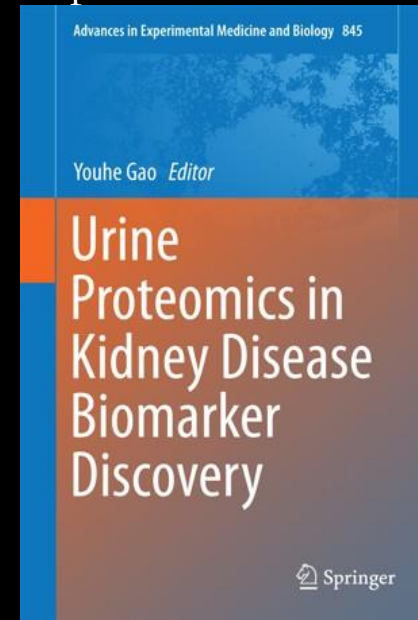
# Literature Available on the Topic

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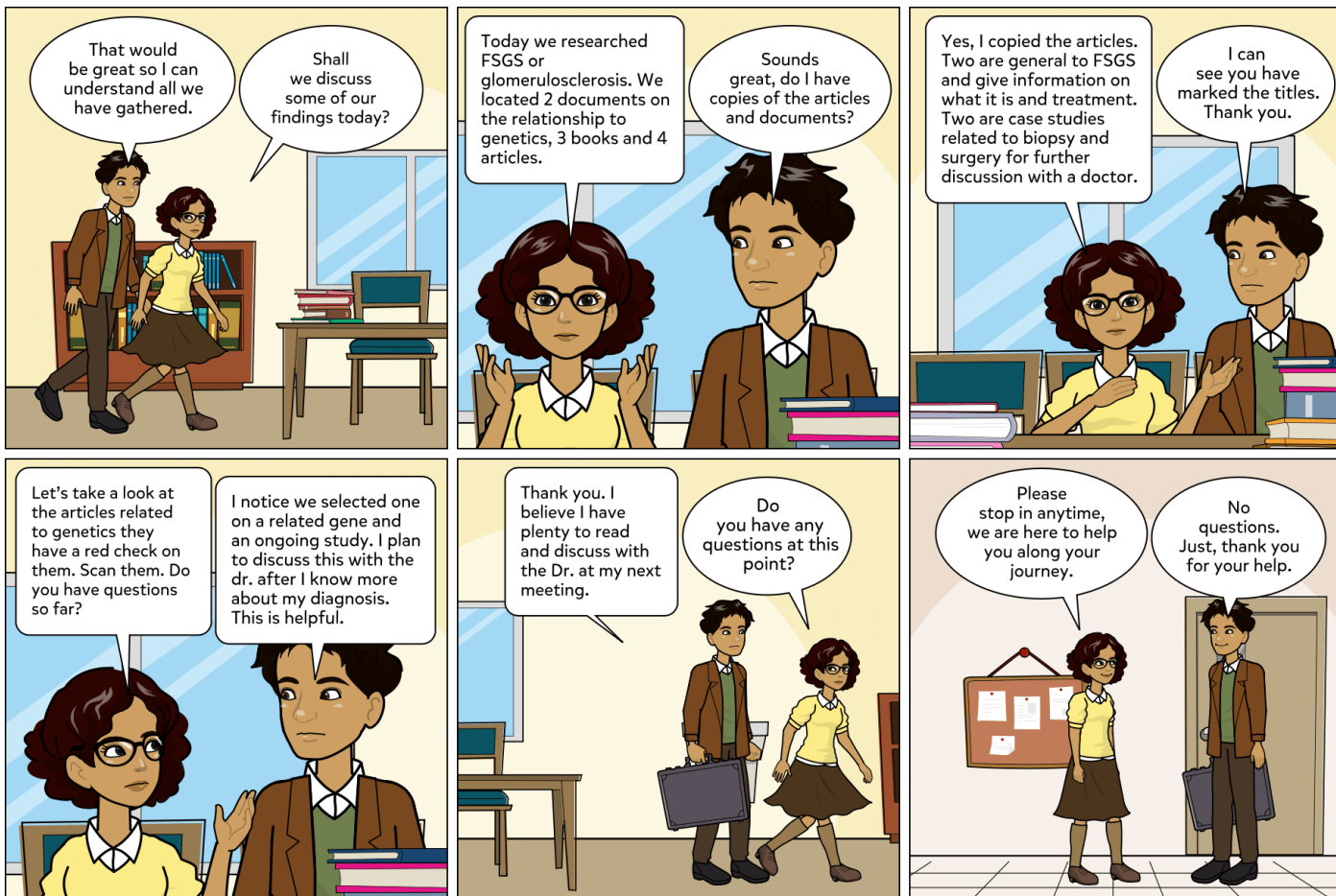
This text offers a special issue of published information depicting the topic of Kidney regeneration.



This text addresses the biomarkers in renal diseases and how they can be explored.







# Reference Interview Review

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# Resources -

National Institute of Health

National Institute of Diabetes and Digestive and Kidney Diseases

National Library of Medicine

<https://nnlm.gov/initiatives/topics/ethics>

The Consumer Health Reference Interview and Ethical Issues

Clinicaltrials.gov

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