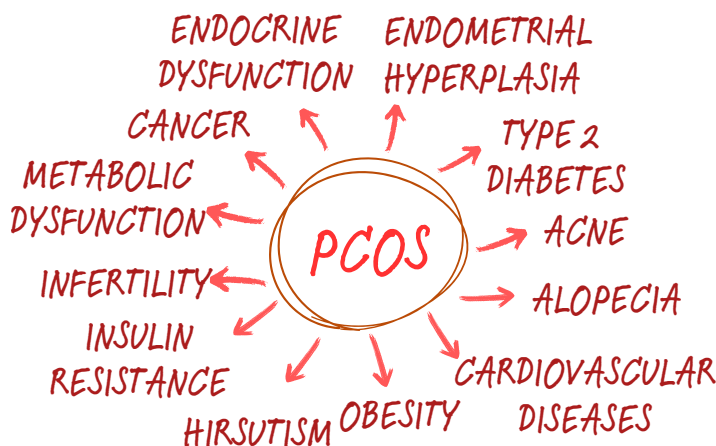


microRNAs e Síndrome dos ovários policísticos: uma análise molecular

AUTORES: MARIANGELA TORREGLOSA RUIZ CINTRA¹; ROBERTA DA SILVA CARNEIRO¹; ANNA LAURA DE SOUZA LUZ¹; GABRIELA MAZUCHELLI ARANTES¹; NÍCOLLAS EMANUEL TOLENTINO MELO¹; MARIANA KEFALAS DE OLIVEIRA GOMES¹; ALESSANDRA BERNADETE TROVÓ DE MARQUI¹.

¹ UNIERSIDADE FEDERAL DO TRIÂNGULO MINEIRO

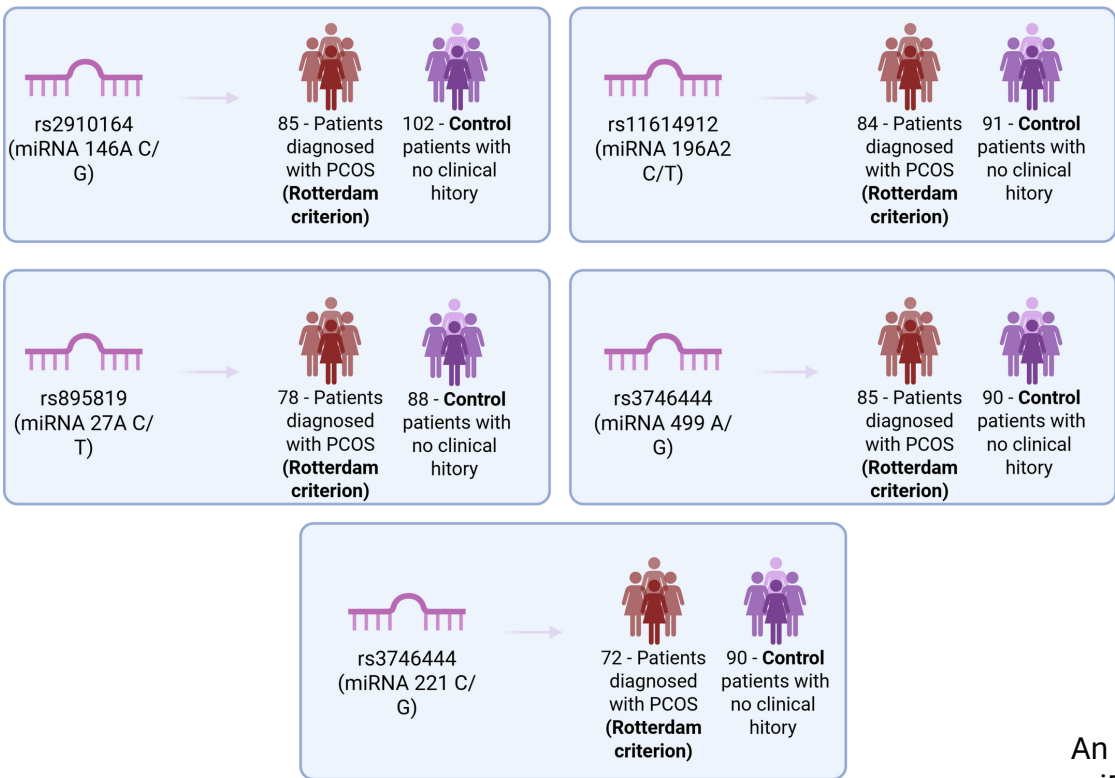
INTRODUCTION



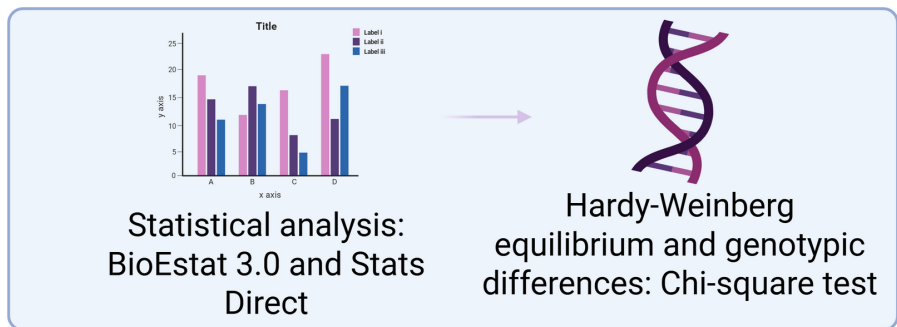
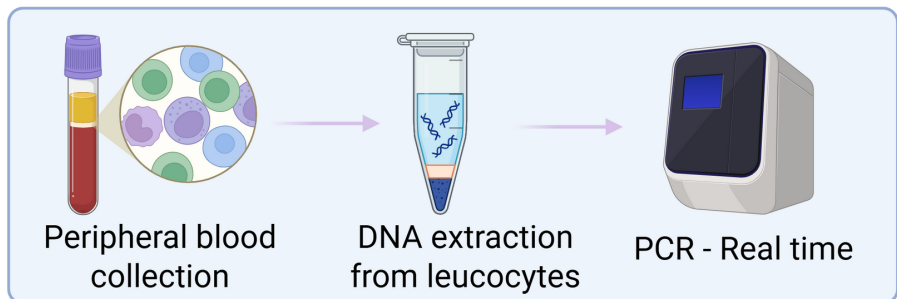
AIM

To investigate the role of SNPs in genes encoding miRNAs (miR-146, miR-222, miR-196a2, miR-27A, and miR-499A) in patients with PCOS and in the control group.

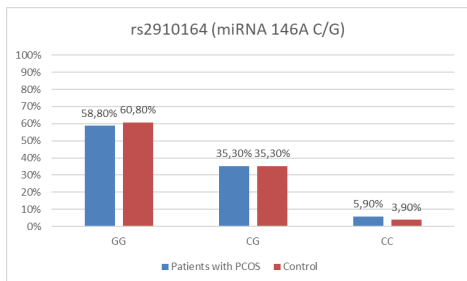
CASUISTRY



METHODS

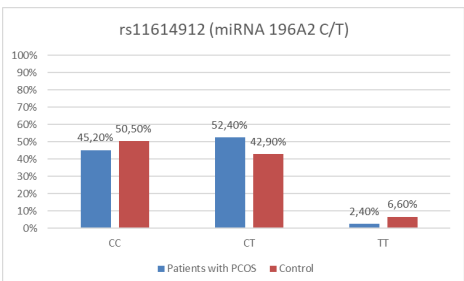


RESULTS



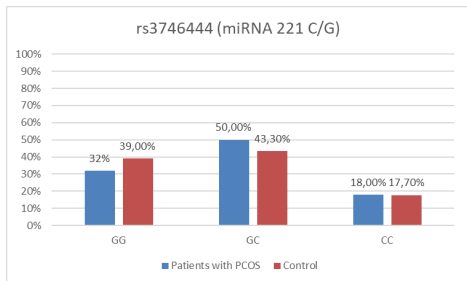
P = 0.04

$\chi^2 = 0.82$



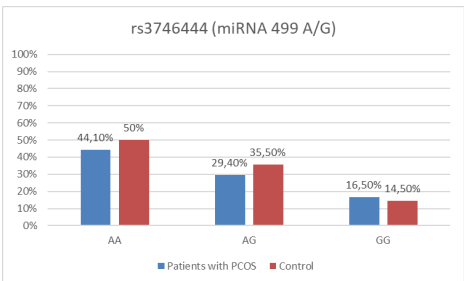
P = 0.25

$\chi^2 = 2.79$



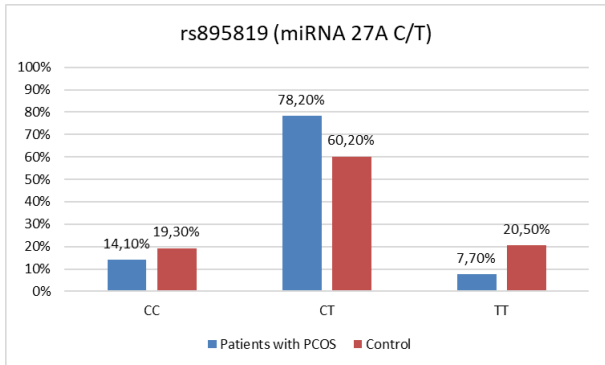
P = 0.63

$\chi^2 = 0.093$



P = 0.68

$\chi^2 = 0.77$



P = 0.03

$\chi^2 = 7.27$

CONCLUSION

An association was found between the rs895819 polymorphism of miR-27A and PCOS. Other polymorphisms (miR-196a2 and miR-499A) also suggest a possible involvement in the pathogenesis of the syndrome. These findings reinforce the importance of genetic and molecular studies in understanding PCOS.

ACNOWLEDGEMENTS



Universidade Federal
do Triângulo Mineiro



Conselho Nacional de Desenvolvimento
Científico e Tecnológico