

# A CASE OF SEROPOSITIVE AUTOIMMUNE AUTONOMIC GANGLIONOPATHY TREATED WITH RITUXIMAB: CASE REPORT AND REVIEW OF THE LITERATURE

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## CASE PRESENTATION

WOMAN, 49 YEARS-OLD

### GENERALIZED

ASTHENIA

*AUTOIMMUNE  
DIATHESIS*

ORTHOSTATIC  
HYPOTENSION

SEPTEMBER  
2024

- ACUTE DIVERTICULITIS

MYDRIASIS

*RAYNAUD'S  
SYNDROME*

OCTOBER  
2024

- DIAGNOSIS OF AAG
- START FIRST-LINE IMMUNOTHERAPY (IGIV, STEROIDS AND PLEX)

URINARY  
DYSFUNCTION

NOVEMBER  
2024

- SYMPTOMS RELAPSE
- START RTX
- DIVERTICULA PERFORATION

SICCA  
SYNDROME

*THYROID  
DISEASE*

JANUARY  
2024

- STOP RTX INDUCTION THERAPY
- CLINICAL IMPROVEMENT

BLURRED  
VISION

JULY  
2025

- START RTX MAINTENANCE THERAPY
- CLINICAL IMPROVEMENT

CONSTIPATION

## REVIEW OF THE LITERATURE

### DEMOGRAPHICS

- 18 WOMEN, MEAN AGE 44.6 YEARS-OLD
- 19 MEN, MEAN AGE 52.8 YEARS OLD
- SLE, SS, THYROIDITIS, UC, MG, DM, CANCER

### MAIN SYMPTOMS

- OH AND GASTROINTESTINAL DYSFUNCTION
- SICCA SYNDROME AND ANHIDROSIS
- PUPILOMOTOR, BLADDER AND SEXUAL ABNORMALITIES

### TREATMENT

- IVIG AND/OR IVMP AND/OR ORAL PREDNISONA AND/OR PLEX
- RTX
- AZATHIOPRINE, MICOPHENOLATE MOFETIL

### RESPONSE

- IVIG AND/OR IVMP OFTEN THE FIRST TREATMENT OFFERED
- PLEX EFFECTIVE BUT TRANSIENT
- RTX EFFECTIVE



REFERENCES



24-28 Ottobre 2025  
Padova Congress

55° CONGRESSO  
SOCIETÀ ITALIANA  
DI NEUROLOGIA