

Are Anti-CD20 Antibodies Useful in the Management of Severe Graves' Orbitopathy?

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ANALYSIS AND COMMENTARY ● ● ● ● ●

The present study differs from earlier ones, since RTX was given together with methylprednisolone. The positive findings of the study are the reduction in the CAS score and the good tolerance of RTX treatment. We know, however, how variable the evolution of Graves' orbitopathy can be and agree with the authors that only prospective multicenter studies can definitely prove the effectiveness of the proposed treatment.

The striking decrease in TBII is remarkable and compatible with the depletion of B lymphocytes. The article does not describe in detail the thyroid status of the patients; for example, we are not informed whether

they underwent thyroidectomy or had received radioactive iodine, which would explain the absence of any change of thyroid function following RTX treatment. There is also no information on anti-TPO and antithyroglobulin antibodies.

It is therefore too early to recommend the described treatment protocol routinely in severe Graves' orbitopathy. Rather, it should be further evaluated in specialized centers and in a prospective way. Thyroidologists are advised to collaborate with eye surgeons experienced in the field of Graves' disease. In some cases, surgical decompression may be the only means to bring relief to the optic nerve.

References

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