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Brief Communication

Desensitization of an adult patient with Pompe disease and a history of anaphylaxis to alglucosidase alfa

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Abstract

We report on the successful desensitization of an adult female with Pompe disease who had previously experienced anaphylaxis to intravenous alglucosidase alfa therapy. The starting alglucosidase alfa dose for desensitization was 10 mg/kg with gradual dose escalation and desensitization via serial dilution was completed over five infusions. This methodology serves as a means to desensitize patients with prior anaphylactic response to alglucosidase alfa so that enzyme replacement therapy can be utilized.

Keywords: Pompe disease; Enzyme replacement therapy; Lysosomal storage disease; Anaphylaxis; Allergy

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