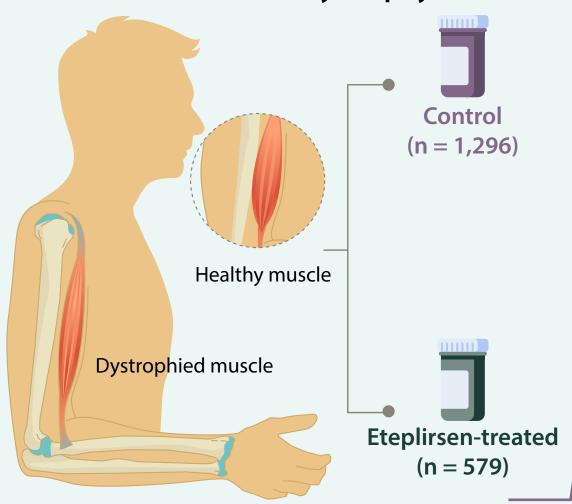
Insurance claims data and electronic medical records of patients with Duchenne muscular dystrophy (DMD)



Two-step matching approach for retrospective comparative analysis



Step

Propensity score matching of DMD-related healthcare resource utilization (HRU)



Exact matching of DMD stage and age



Poisson regression analysis of HRU during annual follow-up

Control vs eteplirsen-treated



Hospital encounters 6.08 (0.76) vs 4.17 (0.45)





Emergency room visits 0.91 (0.09) vs 0.62 (0.08)





Cardiac management 1.76 (0.13) vs 1.39 (0.10)





Pulmonary management 1.98 (0.29) vs 1.33 (0.18)





Ventilator support 3.06 (0.53) vs 1.87 (0.19)





Tracheostomy 6.50 (3.47) vs 0.90 (0.17)

