



OCREVUS ZUNOVO® (ocrelizumab and hyaluronidase-ocsq):

Injection Reactions

PHASE 3 OCARINA II STUDY: INJECTION REACTIONS (WEEK 96^a)²



Evaluated in **adult patients with RMS or PPMS** who received at **least one dose of OCREVUS ZUNOVO** in OCARINA II, an active-controlled, open-label, randomized study (N=236)³

58% of patients **experienced one or more IRs** (136/233)



➔ In the OCARINA II study, **IRs were more frequently reported with the first injection**

Local injection reactions

55%

had **≥1 local IRs** (129/233)

Most common symptoms

- Erythema: 39%
- Pain: 20%
- Swelling: 12%

Systemic injection reactions

13%

had **≥1 systemic IRs** (31/233)

Most common symptoms

- Headache: 4%
- Flushing: 1%
- Nausea: 1%

REACTION DURATION

Local: median 2 days

1 day	2–3 days	>3 days
32.3%	44.2%	23.5%

Systemic: median 1 day

1 day	2–3 days	>3 days
54.5%	29.1%	16.4%

➔ All IRs were **mild or moderate**, and most **resolved without treatment within 1–3 days**

LOCAL REACTION MEDIAN SIZE

Erythema

2.4
inches

Injection 1

2.0
inches

Injection 5

Swelling

3.9
inches

Injection 1

3.1
inches

Injection 4

➔ There was a **decrease in reaction size** with subsequent injections^b

^aAll data from August 7, 2025, clinical cutoff with 96 weeks of follow-up. ^bWhere treatment for IRs was administered, the medications were standard of care treatments, including mostly analgesics (eg, ibuprofen or acetaminophen), and oral or topical antihistamines (eg, diphenhydramine or cetirizine). IR=injection on reaction; PPMS=primary progressive multiple sclerosis; RMS=relapsing multiple sclerosis; US=United States.



In adult patients with RMS or PPMS who received OCREVUS ZUNOVO at a single center in the University of Virginia (UVA) Health System (N=100)⁴

Patient-reported **DISCOMFORT**

IMMEDIATELY

96%

“none to mild”

(4% reported moderate discomfort, and 0% reported severe)

At 72 HOURS

96%

“none to mild”

(2% reported moderate discomfort, and 2% reported severe)

Patient-reported **REDNESS/SWELLING**

IMMEDIATELY

97%

“none to mild”

(3% reported moderate redness/swelling, and 0% reported severe)

At 72 HOURS

92%

“none to mild”

(7% reported moderate redness/swelling, and 1% reported severe)

EXAMPLES OF MILD AND MODERATE INJECTION REACTIONS^a



MILD



At Injection



1 Hours



8 Hours



24 Hours

MODERATE



At injection



1 Hours



8 Hours



24 Hours

^aActual OCREVUS ZUNOVO patients, used with permission. Images are not indicative of the safety profile for OCREVUS ZUNOVO and do not encompass the full injection reaction experience. Systemic reactions are not shown here.



OCREVUS ZUNOVO:
US PRESCRIBING INFORMATION¹

Please see full [US Prescribing Information](#) for important dosage, administration, and safety information.

PPMS=primary progressive multiple sclerosis; RMS=relapsing multiple sclerosis.

1. Ocrevus Zunovo® (ocrelizumab and hyaluronidase-ocsq) [package insert]. South San Francisco, CA: Genentech USA, Inc.; 2024. https://www.gene.com/download/pdf/ocrevus_zunovo_prescribing.pdf. 2. Newsome SD, et al. *Neurology*. 2025;104:e213574. 3. Newsome SD, et al. Presented at:ECTRIMS; September 24–26, 2025; Barcelona, Spain. 4. Holian AH, et al. Presented at: ACTRIMS Forum 2026; February 5–7, 2026; San Diego, CA.

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