

When to switch? CGRP(-receptor) antibodies (and gepants)

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Conflicts of interest

AbbVie/Allergan	Personal fees for lecturing and/or consulting
Eli Lilly	Personal fees for lecturing and/or consulting
Lundbeck	Personal fees for lecturing and/or consulting Research support
Novartis Pharma	Personal fees for lecturing and/or consulting Research support
Organon	Personal fees for lecturing and/or consulting
Perfood	Personal fees for lecturing and/or consulting
Teva Pharmaceutical Industries	Personal fees for lecturing and/or consulting
Else Kröner-Fresenius-Stiftung	Research support
German Research Foundation (DFG)	Research support
German Migraine and Headache Society (DMKG)	Research support

Different countries, different regulations

Switch between mAbs possible

German Guidelines:
Consider switch „*in case of ineffectiveness, especially when this is a change in the drug class*“, i.e. receptor – ligand or ligand – receptor.

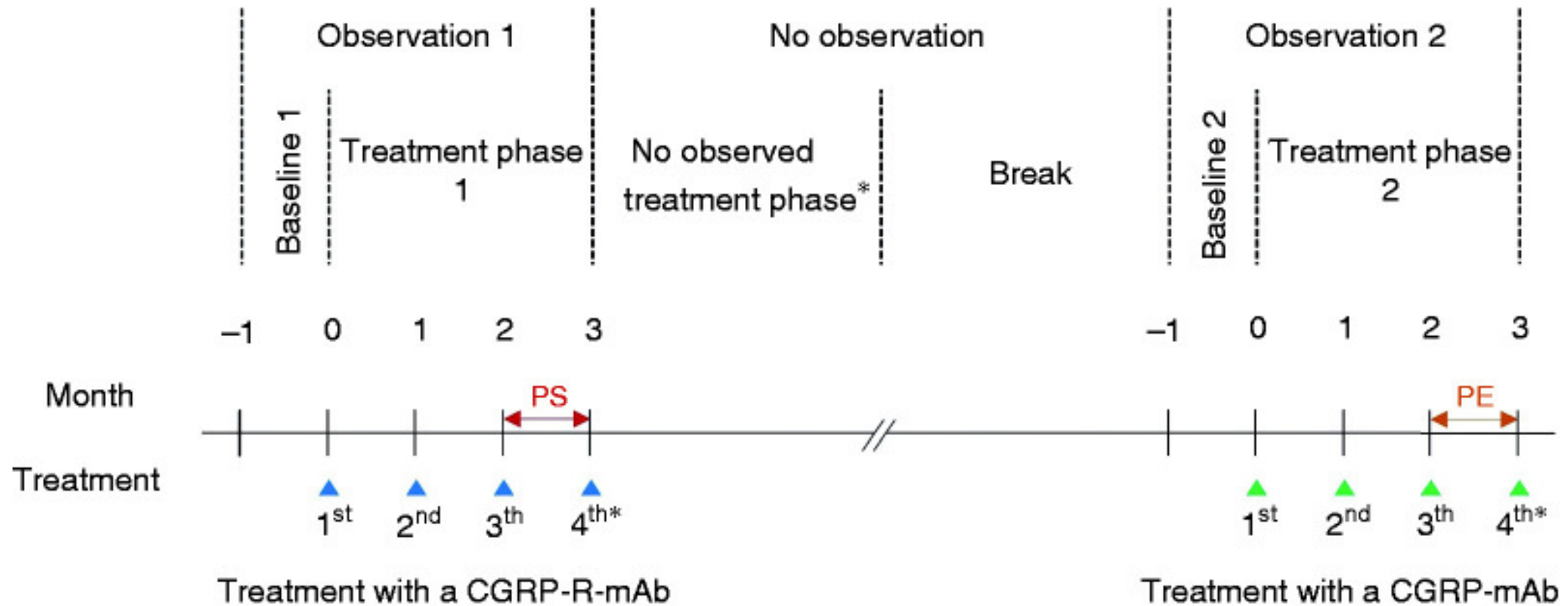
Gepants not available on the market yet.



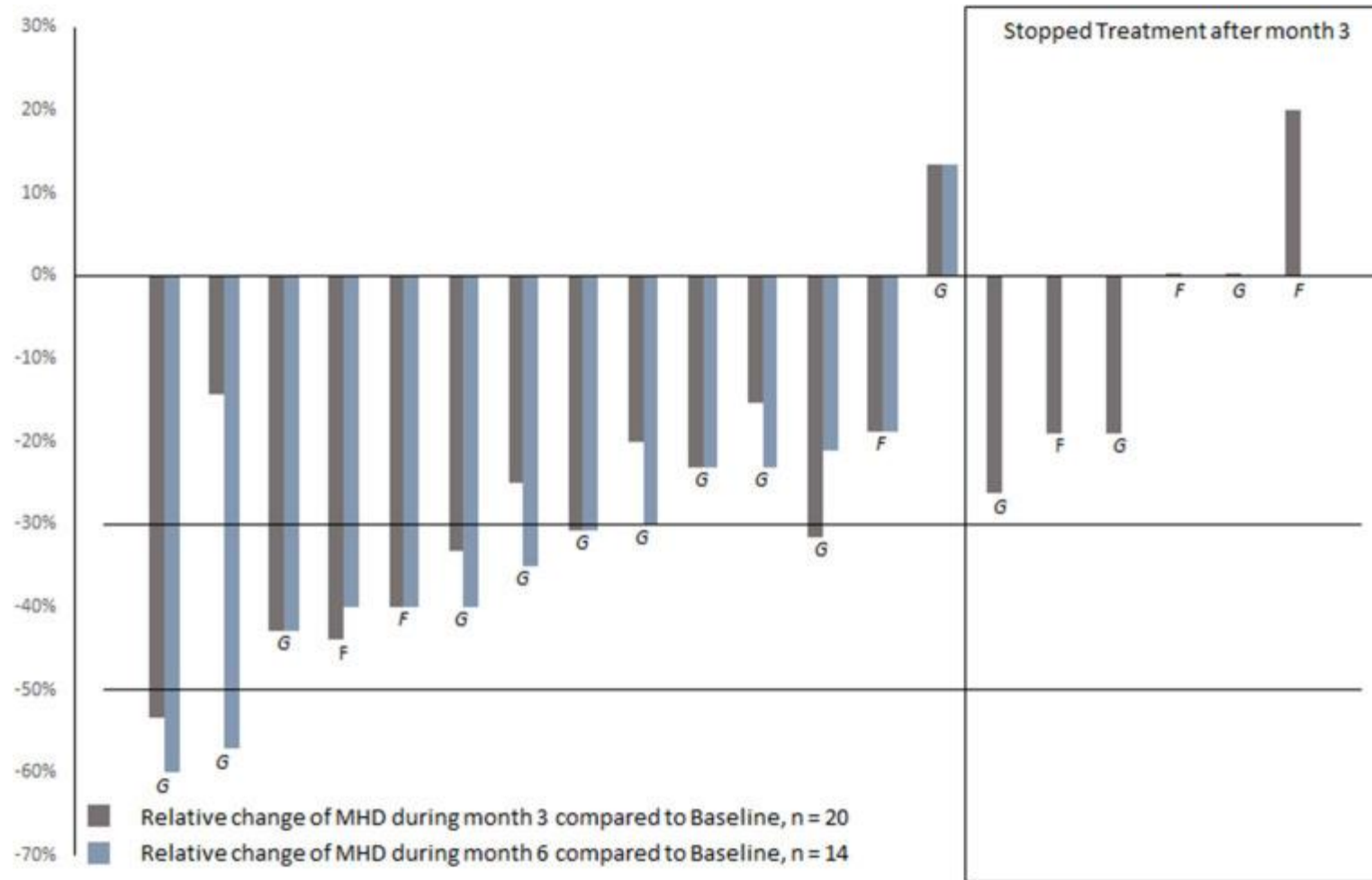
https://european-union.europa.eu/easy-read_en

Diener HC, Förderreuther S, Kropp P et al., Therapie der Migräneattacke und Prophylaxe der Migräne, S1-Leitlinie, 2022, DGN und DMKG, in: Deutsche Gesellschaft für Neurologie (Hrsg.), Leitlinien für Diagnostik und Therapie in der Neurologie. Online: www.dgn.org/leitlinien (abgerufen am 16.09.2024)

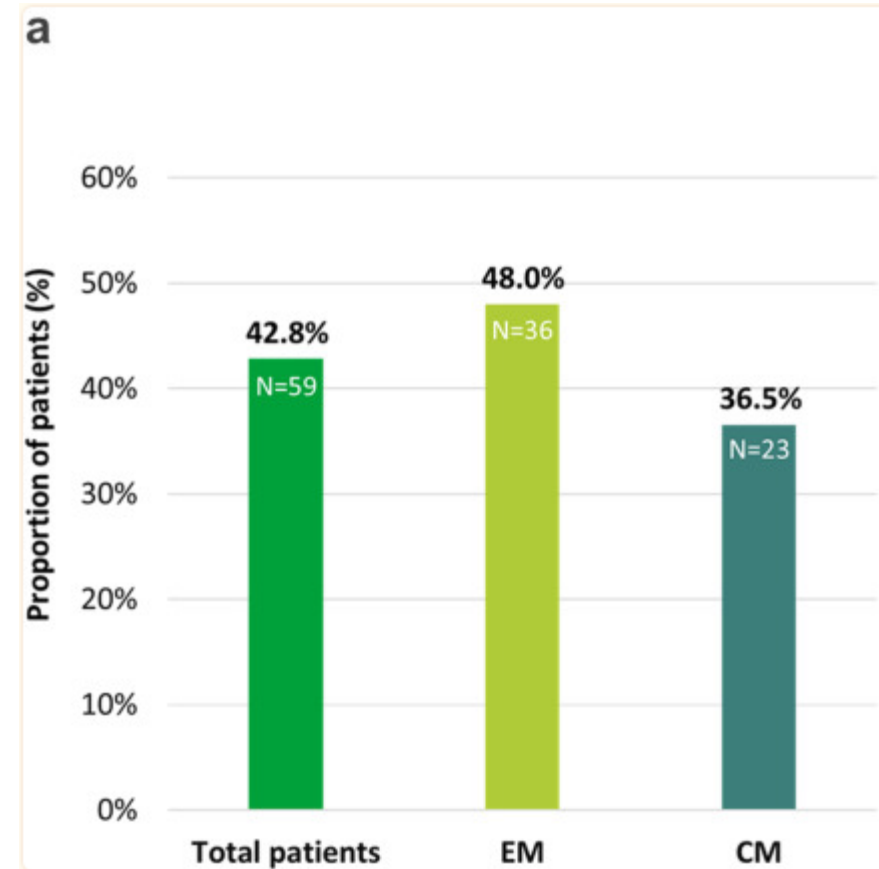
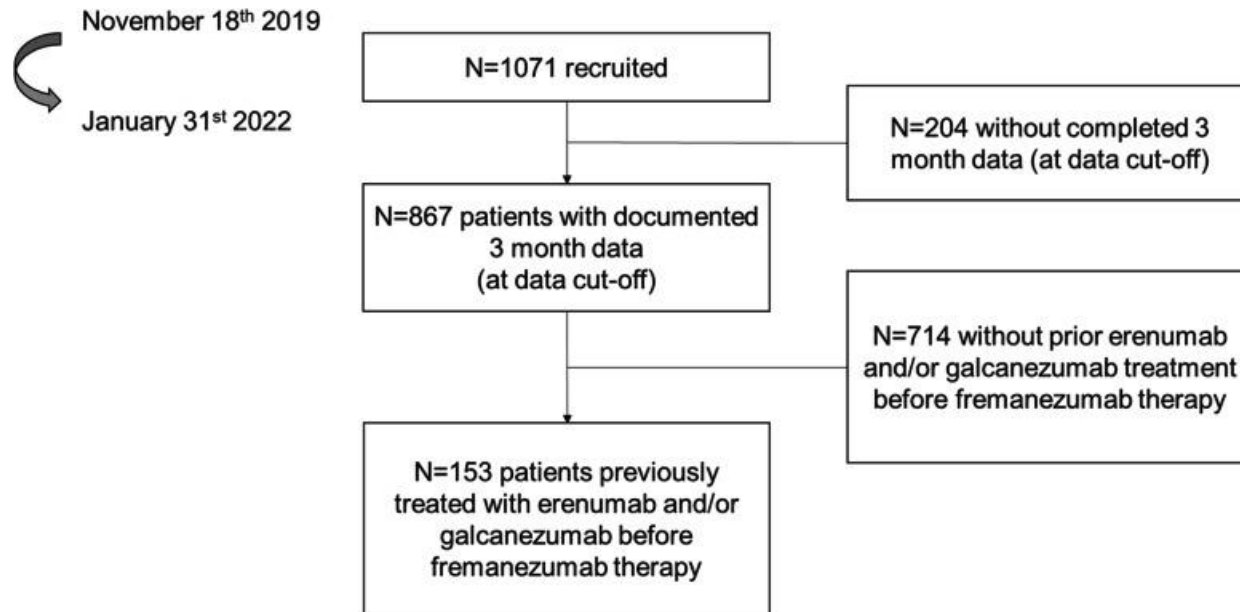
Switch from receptor mAb (erenumab) to ligand mAb (fremanezumab/galcanezumab)



Switch from ligand mAb (fremanezumab/galcanezumab) to receptor mAb (erenumab)

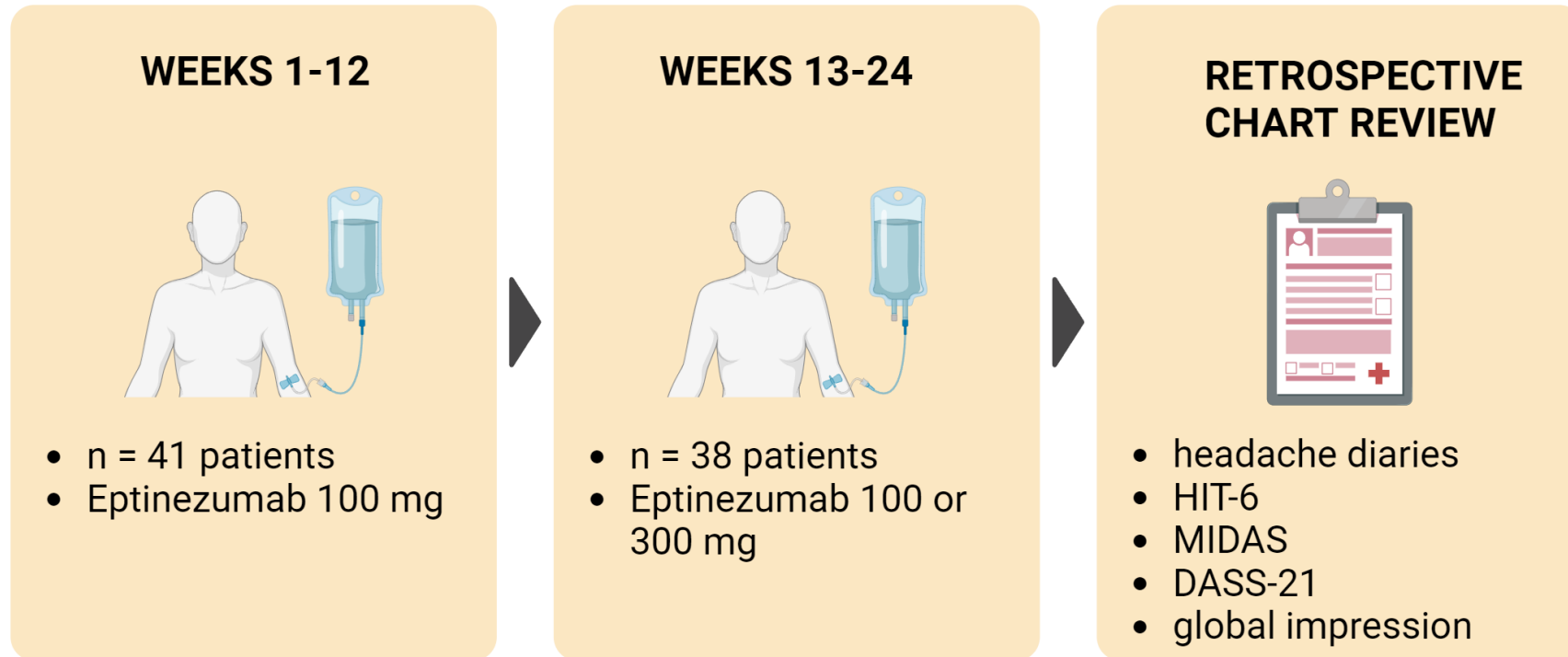


FINESSE study: Switch from erenumab/galcanezumab to fremanezumab



Proportion of Patients with $\geq 50\%$ Reduction in MMD over 3 months versus baseline

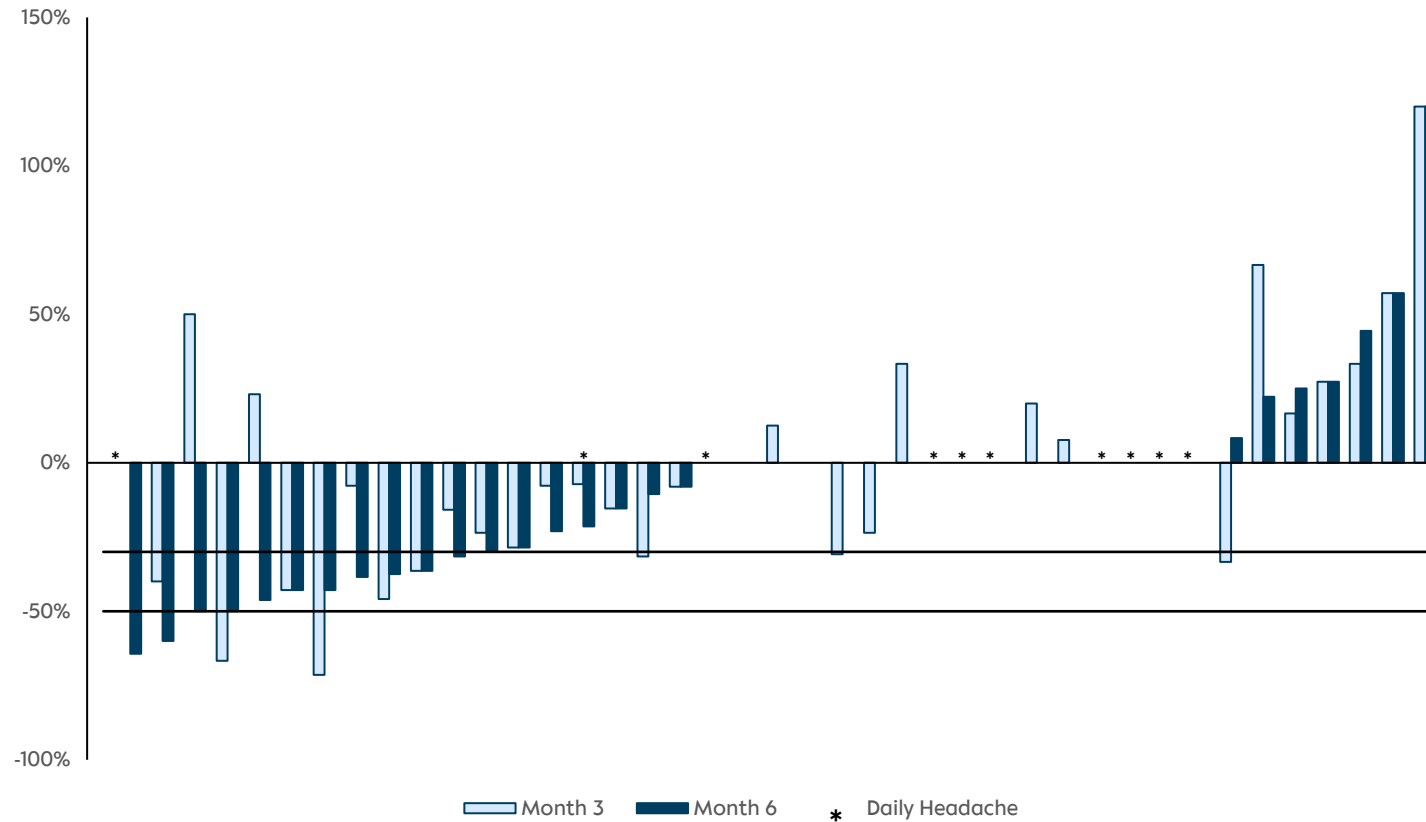
Switch from subcutaneous mAbs to intravenous mAb (eptinezumab)



Previous treatment failure with erenumab and at least one CGRP (ligand) mAb, i.e. galcanezumab and/or fremanezumab

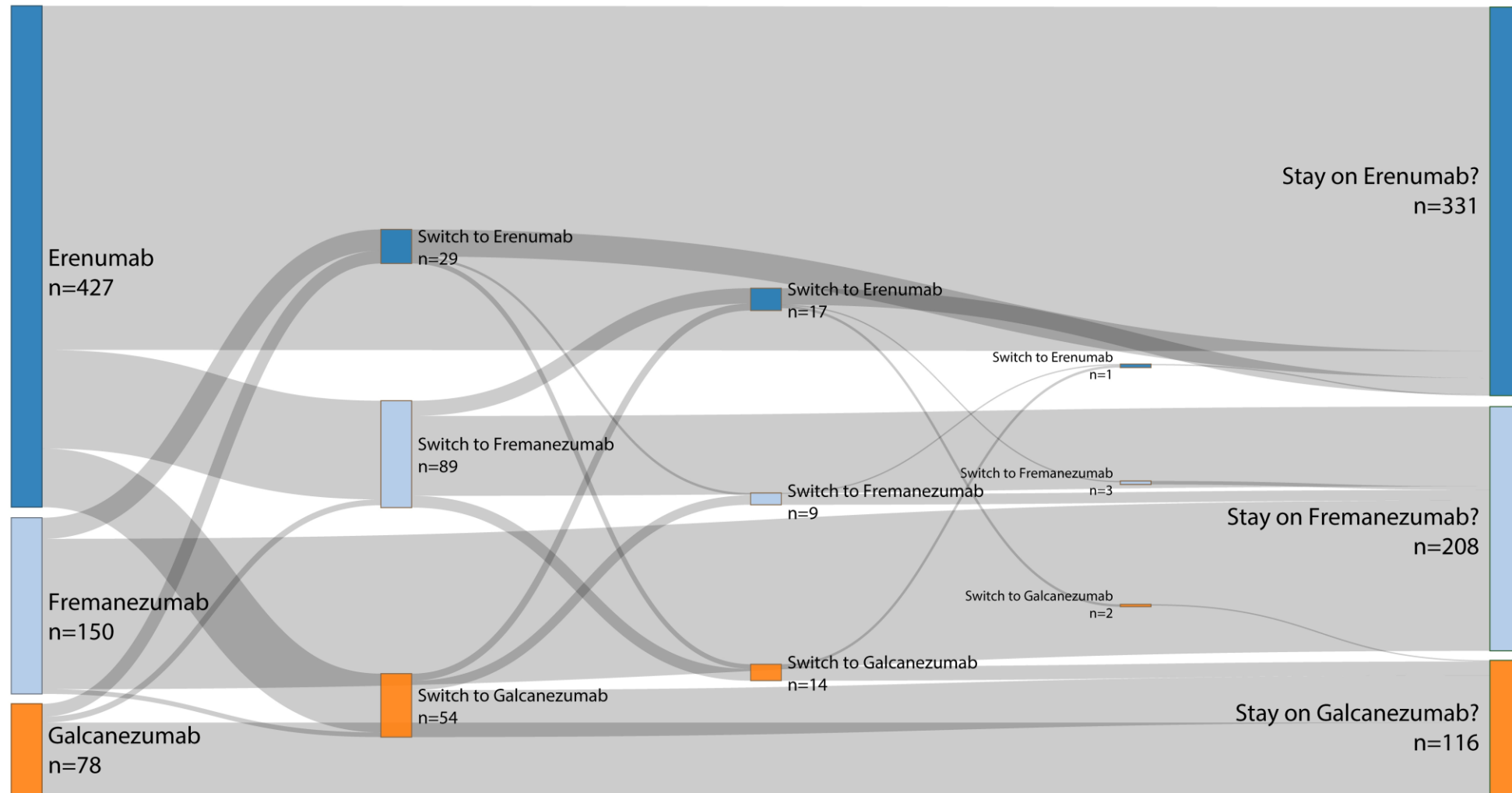
	Treated with preventatives, n (%)
Number of prior preventive treatments (mean, SD)	9.0 (2.2)
Erenumab	41 (100.0)
Galcanezumab	37 (90.2)
Fremanezumab	35 (85.3)
Topiramate	37 (90.2)
Valproate	12 (29.3)
Gabapentine	1 (2.4)
OnabotulinumtoxinA	38 (92.7)
Beta-Blocker	38 (92.7)
Candesartan	9 (22.0)
Lisinopril	1 (2.4)
Ramipril	1 (2.4)
Perindopril	1 (2.4)
Flunarizine	23 (56.1)
Amitriptyline	36 (87.8)
Mirtazapine	7 (17.1)
Trimipramine	4 (9.8)
Opi Pramol	5 (12.2)
Doxepine	2 (4.9)
Venlafaxine	13 (31.7)
Citalopram	4 (9.8)
Escitalopram	3 (7.3)
Duloxetine	7 (17.1)
Fluoxetine	6 (14.6)

Switch from subcutaneous mAbs to intravenous mAb (eptinezumab)



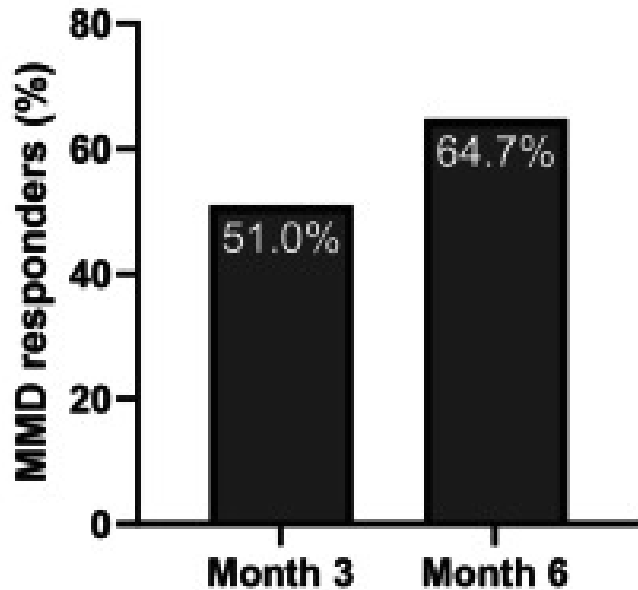
	Month 3		Month 6	
	All Patients (n=39)	No-Daily (n=30)	All Patients (n=37)	No-Daily (n=28)
MMD	9 (23.1%)	9 (30%)	11 (29.7%)	10 (35.7%)
MHD	6 (15.4%)	6 (20%)	6 (16.2%)	6 (21.4%)

HOWEVER 1: Response rates are lower in switchers than in non-switchers.

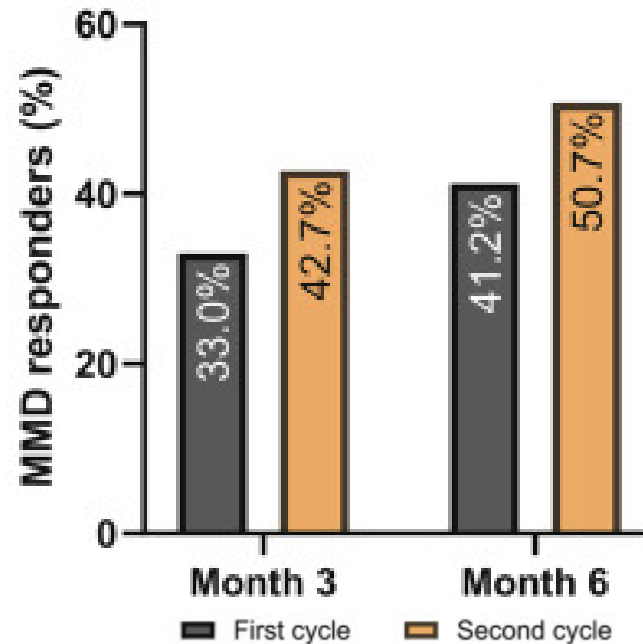


HOWEVER 1: Response rates are lower in switchers than in non-switchers.

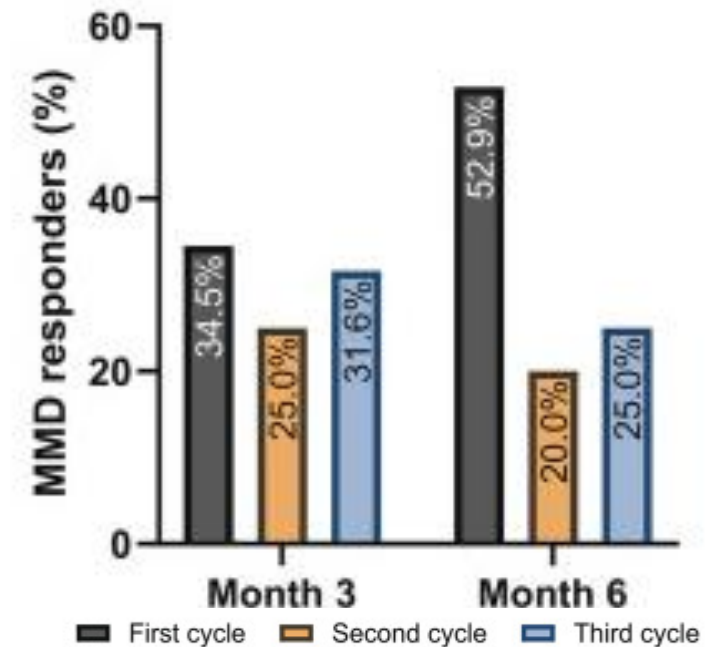
Percentage of patients achieving $\geq 50\%$ reduction in monthly migraine days (MMD) at 3 and 6 months



n = 479 patients who did not switch



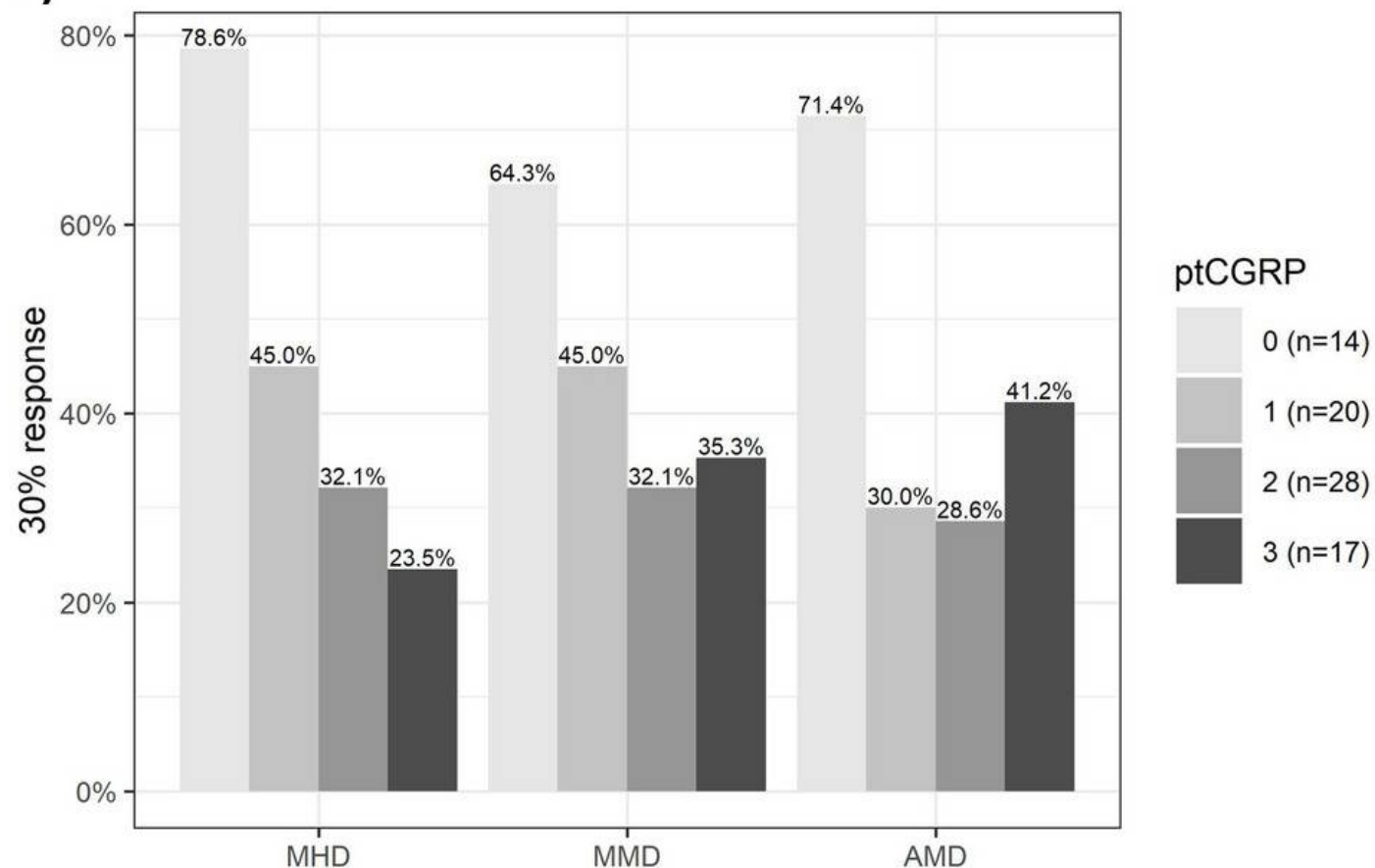
n = 135 patients who switched once



n = 35 patients who switched twice

HOWEVER 2: Response rates decrease with every switch.

Percentage of patients achieving $\geq 30\%$ reduction in monthly headache days (MHD), monthly migraine days (MMD) and monthly days with acute medication use (AMD) at 3 months after switching to eptinezumab



Take-Home Message

- Switching between CGRP(-receptor) mAbs can be a viable option for patients who do not respond to the initial treatment.
- Current data are mostly derived from real-world, uncontrolled studies, with switches typically occurring between receptor and ligand mAbs.
- Response rates for patients who switch tend to be lower compared to those with less prior treatment exposure.
- Always consider country-specific reimbursement and insurance policies when planning treatment changes.

Thank you!

