Longer-term Safety and Efficacy of Ofatumumab in Recently Diagnosed and Treatment Naïve Patients is Consistent with the Overall Population in the ALITHIOS Open-Label Extension Study



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Introduction

- Ofatumumab, a fully human anti-CD20 monoclonal antibody with a 20 mg subcutaneous monthly dosing regimen, is approved for treating relapsing multiple sclerosis (RMS) in adults¹
- In Phase 3 ASCLEPIOS I/II trials, of atumumab demonstrated superior efficacy in reducing the annualised relapse rate (ARR), suppressing MRI lesion activity and delaying disability worsening, while maintaining a favorable safety profile vs teriflunomide in RMS patients²
- In the subgroup of recently diagnosed (≤3 years) and treatment-naïve (RDTN) patients, ofatumumab had a superior benefit-risk profile compared with teriflunomide, with an almost complete abrogation of inflammatory disease activity and no unexpected safety signals, supporting its use as a first-line treatment in early MS³
- In the ongoing, open-label, ALITHIOS extension study, of atumumab has demonstrated well-tolerated safety and sustained longer-term efficacy for up to 4 years in the overall patient population^{4,5}

Objective

• To assess the longer-term safety and efficacy of ofatumumab for up to 4 years (data cut-off: 25-Sep-2021) in a subgroup of RDTN (early RMS) patients from the ASCLEPIOS I/II (core) and continued in the ongoing ALITHIOS (extension) trial

Figure 2. Between-group comparison of cumulative number of 3mCDW events (A), and time to first 3mCDW (B)

A Cumulative number of first 3mCDW events over up to 4 years



B Time to first 3mCDW – Kaplan-Meier estimates

- 35 - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1	Switching period	OMB-OMB TER TER-OMB
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Safety Outcomes

Overall AEs

- The safety and tolerability profile of of atumumab in RDTN participants was consistent with that in the overall of atumumab clinical trial safety population⁶ (**Table 2**)
- The most common (≥10% of each group) AEs were nasopharyngitis, injection-related systemic reactions, injection-site reactions, headache, upper respiratory tract infections, fatigue, backpain, and COVID-19
- A total of 66 cases of COVID-19 were reported. The majority were mild-to-moderate in severity. The percentage of patients with COVID-19 is consistent with overall of atumumab clinical trial safety population $(14.38\%)^6$

Table 2. AEs in RDTN patients as of first dose of ofatumumab (safety analysis set)

	OMB-OMB		TER-OMB		OMB overall	
	N=314		N=232		N=546	
Adverse event	n (%)	EAIR (95% CI)	n (%)	EAIR (95% CI)	n (%)	EAIR (95% CI)
Patients with at least one AE	294	166.85	193	129.42	487	149.70
	(93.6)	(148.83, 187.06)	(83.2)	(112.39, 149.03)	(89.2)	(136.97, 163.60)
AEs leading to OMB discontinuation	33 (10.5)	-	10 (4.3)	-	43 (7.9)	-
Most common AEs (≥10 in any group)						
Nasopharyngitis	90	11.81	38	9.24	128	10.91
	(28.7)	(9.60, 14.52)	(16.4)	(6.73, 12.71)	(23.4)	(9.17, 12.97)
Injection-related systemic reaction	80	10.17	56	15.61	136	11.87
	(25.5)	(8.17, 12.66)	(24.1)	(12.01, 20.28)	(24.9)	(10.04, 14.05)
Injection-site reactions	54	6.22	24	5.65	78	6.03
	(17.2)	(4.76, 8.12)	(10.3)	(3.78, 8.42)	(14.3)	(4.83, 7.53)
Headache	59	6.97	19	4.31	78	6.06
	(18.8)	(5.40, 9.00)	(8.2)	(2.75, 6.75)	(14.3)	(4.85, 7.56)
Upper respiratory tract infection	55	6.25	22	5.06	77	5.85
	(17.5)	(4.80, 8.14)	(9.5)	(3.33, 7.68)	(14.1)	(4.68, 7.32)
Fatigue	42	4.59	9	1.97	51	3.72
	(13.4)	(3.39, 6.21)	(3.9)	(1.03, 3.79)	(9.3)	(2.83, 4.89)
Back pain	36	3.86	15	3.34	51	3.69
	(11.5)	(2.79, 5.36)	(6.5)	(2.02, 5.54)	(9.3)	(2.81, 4.86)
COVID-19	35	3.56	31	6.90	66	4.61
	(11.1)	(2.56, 4.96)	(13.4)	(4.85, 9.81)	(12.1)	(3.62, 5.87)
Infections	220	51.02	123	41.64	343	47.21
	(70.1)	(44.70, 58.22)	(53.0)	(34.90, 49.69)	(62.8)	(42.46, 52.47)
Patients with at least one SAE	51	5.49	18	3.94	69	4.98
	(16.2)	(4.17, 7.22)	(7.8)	(2.48, 6.25)	(12.6)	(3.93, 6.30)
Infections ^a	17	1.73	7	1.51	24	1.66
	(5.4)	(1.08, 2.79)	(3.0)	(0.72, 3.17)	(4.4)	(1.11, 2.48)
Malignancies	5	0.50	1	0.21	6	0.41
	(1.6)	(0.21, 1.20)⁵	(0.4)	(0.03, 1.52)⁰	(1.1)	(0.18, 0.91)

Methods

Patient population and outcomes

- The subgroup analysis included data from patients who where recently diagnosed (within 3 years before screening), treatment-naïve (no prior DMT use), prior to enrolment into ASCLEPIOS I/II
- This analysis in early RMS (RDTN) patients comprised of 37.9% (615/1623) of overall patient population in ASCLEPIOS I/II
- Efficacy outcomes (ARR, time-to-3/6-month confirmed disability worsening [3m/6mCDW], number of Gd+T1 lesions, annualised T2 lesion rate) were analysed in two groups:
 - **Continuous group:** Patients randomised to ofatumumab in ASCLEPIOS I/II (core) and continuing ofatumumab in ALITHIOS (extension)
- **Switch group:** Patients randomised to teriflunomide in ASCLEPIOS I/II, switched to ofatumumab in ALITHIOS
- Safety outcomes were analysed in the below 3 groups:
 - **Overall patient population:** Patients enrolled in ASCLEPIOS I/II and ALITHIOS
 - **Continuous group:** Patients randomised to ofatumumab in ASCLEPIOS I/II and continuing ofatumumab in ALITHIOS
 - Switch group: Patients randomised to teriflunomide in ASCLEPIOS I/II, switched to ofatumumab in ALITHIOS

Assessments

- ARR and MRI outcomes were analysed
- Between-groups (defined as comparison of the cumulative outcomes between the continuous and switch groups) and
- Within-groups (defined as comparison of the core and extension periods within the continuous and switch groups)
- Safety outcomes were analysed in safety analysis set which includes safety data as of the first dose of ofatumumab for all RDTN patients who received at least one dose of ofatumumab either in the **ASCLEPIOS I/II or ALITHIOS trials**

Results

Baseline characteristics

- Baseline characteristics of the RDTN subgroup were typical of early RMS patients and were generally balanced between treatment groups (**Table 1**)
- At baseline, mean age of patients was approximately 36 years in the continuous of atumumab and switch groups; majority of patients were women (>65%)
- The mean EDSS at baseline was approximately 2.2 for both the continuous and switch groups

Table 1. Patient demographics and disease characteristics

Continuous	Switch from	teriflunomide



Figure 3. Between-group comparison of cumulative number of 6mCDW events (A), and time to first 6mCDW (B)

A Cumulative number of first 6mCDW events over up to 4 years



B Time to first 6mCDW – Kaplan-Meier estimates



Cut-off for core and extension periods refer to the first dose of ofatumumab in extension. Δ , Difference in KM estimates (TER-OMB minus OMB-OMB). P value represented here is P value for Log-Rank test

3mCDW, 3-month confirmed disability worsening; 6mCDW, 6-month confirmed disability worsening; CI, confidence interval; HR, hazard ratio; K-M, Kaplan-Meier, OMB-OMB, continuous of atumumab; TER-OMB, switch from teriflunomide to of atumumab.

Mean number of Gd+ T1 lesions

- The between-group analysis over a period of up to 4 years shows that earlier initiation of of atumumab was associated with a reduction in the cumulative number of Gd+ T1 lesions by 96.6%, P<0.0001 (Figure 4A)
- The number of Gd+ T1 lesions per scan in the continuous of a tumumab group remained low for up to 4 years after treatment initiation

Data are shown as the number of participants (%) with at least one event. OMB overall refers to the patients enrolled in ASCLEPIOS I/II and ALITHIOS. ^aIn the continuous ofatumumab group there were three cases of COVID-19/COVID-19 pneumonia, four cases of appendicitis, two cases of pneumonia, and one case each of pneumocystis jiroveci pneumonia, neutropenic sepsis, appendicitis perforated, abscess, herpes zoster, bronchitis, influenza and URTI; in the switch group there were six cases of COVID-19/COVID-19 pneumonia, and one case of appendicitis. In the continuous group there were two cases of basal cell carcinoma, and one case each of ovarian cancer, renal cell carcinoma and uterine leiomyoma; ^cIn the switch group there was one case of basal cell carcinoma; ^dIn the continuous ofatumumab group, one case of death was due to COVID-19 pneumonia and one case due to completed suicide; ein the switch group, one case of death was due to COVID-19 and other was sudden death. AE, adverse event; CI, confidence interval; EAIR, exposure adjusted incidence rate; OMB, ofatumumab; RDTN, recently diagnosed, treatment-naive: SAE, serious AE: N: total number of participants included in the analysis.

2

(0.9)^e

(0.7)

Injection-related reactions (Systemic and local)

2

(0.6)^d

Demographics and clinical	(N=314)	(N=301)		
characterstics ^a	Baseline from core study (N=314)	Baseline from core study (N=301)	Baseline from extension study (N=232)	
Age, years	36.8±9.40	35.7±9.03	37.7±8.99	
BMI, kg/m ²	25.93±6.15	26.19±6.05	25.71±5.71	
Female, n (%)	69.1	64.8	66.8	
Time since diagnosis, years	0.58±0.63	0.53±0.51	2.44±0.59	
Time since MS symptom onset, years	3.4±3.96	3.2±4.27	5.16±4.23	
EDSS score at baseline	2.30±1.198	2.28±1.203	2.17±1.237	
Number of relapses in the last 12 months prior to screening	1.30±0.70	1.4±0.72	0.1±0.41	
Number of Gd+ T1 lesions	1.8±4.35	1.4±2.79	0.7±2.01	
Total volume of T2 lesions, cm ³	10.1±12.22	8.3±8.82	NA ^b	
lgG levels at baseline, g/L	10.025±2.01	-	10.27±1.99	
lgM levels at baseline, g/L	1.33±0.64	-	1.36±0.691	

aValues are represented as mean±SD unless specified otherwise; For ofatumumab newly-switched patients, their baseline values from extension study contribute to the overall summary. bdata is not collected for baseline from extension BMI, body mass index; EDSS, Expanded Disability Status Scale; Gd+, gadolinium enhancing; NA, not available; SD, standard deviation.

Efficacy Outcomes

Annualised relapse rate (ARR)

- The between-group analysis over a period of up to 4 years shows that earlier initiation of ofatumumab was associated with a reduction in the cumulative number of relapses by 42%, *P*=0.0013 (Figure 1A)
- ARR in the continuous of atumumab group remained low for up to 4 years after treatment initiation which resulted in an adjusted rate of 1 relapse every 20 years during the extension phase (**Figure 1B**)
- Within-group analysis showed that continuous use of ofatumumab was associated with a significant reduction in ARR by 43.1% with longer-term treatment; while switch from teriflunomide to of a tumumab resulted in a pronounced reduction in ARR (76.6%) (**Figure 1B**)

Figure 1. Between-group comparison of the cumulative number of relapses (A), and within-group comparison of adjusted ARR between the core and extension phase (B)

A Total number of relapses over up to 4 years



• Within group analysis showed that continuous use of ofatumumab and switch from teriflunomide was associated with almost complete suppression of Gd+T1 activity (100%, 99.4% respectively) (Figure 4B)

Figure 4. Between-group comparison – Cumulative number of Gd+ T1 lesions (A), and within-group comparison of mean number of Gd+T1 lesions between the core and extension phase (B)

A Cumulative number of Gd+T1 lesions over up to 4 years



B Within-group comparison^a between the core and extension phase



*Estimated from fitting a piecewise negative binomial model for the time period core phase and extension phase with log-link, adjusted for treatment and region as factors, baseline number of T1 Gd-enhancing lesions and patient's age at baseline as covariates. The natural log of the number of scans with evaluable Gd-enhancing lesion counts by period is used as offset to obtain the lesion rate per scan in each period. Baseline variables are from the core study baseline. All P values are nominal P values. CI, confidence interval; Gd, gadolinium; OMB, ofatumumab; OMB-OMB, continuous ofatumumab; TER, teriflunomide; TER-OMB, switch from teriflunomide to ofatumumab.

Number of neT2 lesions

- Similar to Gd+T1 lesions, the between-group analysis over a period of up to 4 years shows that earlier initiation of ofatumumab was associated with a reduction in the cumulative number of neT2 lesions by 83.4%, *P*<0.0001 (**Figure 5A**)
- The number of neT2 lesions in the continuous of a tumumab group remained low for up to 4 years after treatment initiation; a near complete suppression was observed during the extension phase
- The within-group analysis showed that continuous use of ofatumumab was associated with a reduction in the neT2 lesions by 90.7% with longer-term treatment, while switch from teriflunomide to of atumumab

- IRRs were predominantly reported with first injection and the incidence decreased substantially with subsequent injections which is consistent with the overall of atumumab clinical trial safety population
- Mostly all IRRs (99.3%) were mild-moderate in severity; no Grade 4 IRRs were reported
- No cases of cytokine release syndrome were observed. A total of 2 patients discontinued treatment with injection systemic reaction (one in each group) and none with injection-site reaction

Conclusions

Deaths

- Long-term, continuous of a tumumab treatment up to 4 years showed sustained benefits on relapses, MRI lesions, and risk of disability worsening in a subgroup of RDTN patients, consistent with that of overall ASCLEPIOS population³
 - Sustained differences in efficacy outcomes observed in the continuous versus the switch group highlight the value of earlier initiation of high-efficacy therapy with of atumumab compared to a lower efficacy therapy
- The safety and tolerability profile of ofatumumab in RDTN participants was consistent with that in the overall of atumumab clinical trial safety population
- These findings support a favorable benefit-risk profile for ofatumumab in recently diagnosed, treatment naive patients, consistent with that of the overall ASCLEPIOS RMS population, supporting its use in patients at an early stage of their RMS disease course

References

- 1. KESIMPTA® (ofatumumab) Prescribing Information. https://www.novartis.us/sites/www.novartis.us/files/kesimpta.pdf (accessed February 17, 2022).
- 2. Hauser SL, et al. N Engl J Med. 2020;383:546-57.
- 3. Gartner, J et al. Mult Scler. 2022. 28: 1562–1575.
- 4. Kappos L, et al. Poster presented at EAN 2022. EPR161.
- 5. Sacca F, et al. Oral presentation at EAN 2022. OPR134.

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B Within-group comparison^b between the core and extension phase



^aConfirmed relapses are those accompanied by a clinically relevant change in the EDSS; ^bObtained from fitting a piecewise negative binomial model for the time period core phase and extension phase with log-link, adjusted for treatment and region as factors, number of relapses in previous year, baseline EDSS, baseline number of Gd-enhancing lesions and the patient's age at baseline as covariates. The natural log of the time-in-study (in years) by period is used as offset to annualise the relapse rate in each period. Baseline variables are from the core study baseline. All P values are nominal P values.

ARR, annualised relapse rate, CI, confidence interval; OMB, ofatumumab; OMB-OMB, continuous ofatumumab; TER, teriflunomide; TER-OMB, switch from teriflunomide to ofatumumab.

3- and 6-month CDW

• As shown by the delta at months 36 and 48, and the difference in the cumulative number of events over a period of up to 4 years, earlier treatment with of a tumumab was associated with an efficacy benefit that cannot be recovered in those initially randomised to teriflunomide (Figure 2 and Figure 3)

resulted in a pronounced reduction in the number of neT2 lesions (88.3%) (Figure 5B)

Figure 5. Between-group comparison – Cumulative number of neT2 lesions (A), and within-group comparison of adjusted mean annualised rate of neT2 lesions between the core and extension phase

A Cumulative number of neT2 lesions over up to 4 years



B Within-group comparison^a between the core and extension phase



^aEstimated from fitting a piecewise negative binomial model for the time period core phase and extension phase with log-link, adjusted for treatment as factor, baseline volume of T2 lesions and patient's age at baseline as covariates. The natural log of the time-in-study (in years) by period is used as offset to annualise the lesion rate in each period. Baseline variables are from the core study baseline. All P values are nominal P values.

CI, confidence interval; neT2, new or enlarging T2; OMB, ofatumumab; OMB-OMB, continuous ofatumumab; TER, teriflunomide; TER-OMB, switch from teriflunomide to ofatumumab.

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