





Denver ASH Review

Updates in Lymphoma II

Manali Kamdar, MD, MBBS
 Associate Professor of Medicine
 Clinical Director of Lymphoma Services
 Morton and Sandra Saffer Endowed Chair in Hematology Research
 Division of Hematology and Bone marrow Transplantation
 University of Colorado, Anschutz Cancer Center

Division of Hematology
SCHOOL OF MEDICINE
UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS

1

Disclosures

Research Support/Funding: Novartis
 Consultancy: AbbVie, AstraZeneca, Celgene/ Bristol-Myers Squibb, Beigene, Genentech
 DMC: Celgene, Genentech

Division of Hematology
SCHOOL OF MEDICINE
UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS

2

Highlights of ASH

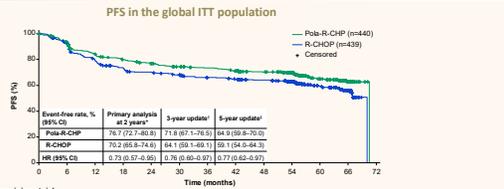
- Diffuse Large B Cell Lymphoma
- Hodgkin Lymphoma
- Chronic Lymphocytic Leukemia

Division of Hematology
SCHOOL OF MEDICINE
UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS

3

1

PFS benefit of Pola-R-CHP over R-CHOP is maintained at 5y



Patients remaining at risk

Pola-R-CHP	440	407	387	335	318	303	292	280	258	213	100	56	NE
R-CHOP	439	381	332	302	287	274	258	231	240	182	95	54	NE

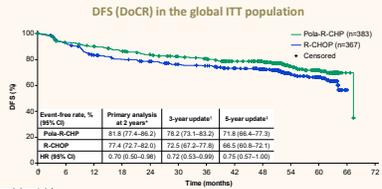
At the 5-year follow-up, Pola-R-CHP had a sustained and significant PFS benefit, confirming results from the primary analysis of PFS at 2 years of follow-up (HR 0.73).¹

Division of Hematology
UNIVERSITY OF COLORADO ANNEVILLE MEDICAL CENTER
*Data cut-off: June 28, 2021; †Data cut-off: June 25, 2022; ‡Data cut-off: July 5, 2024. CI, confidence interval; HR, hazard ratio; NE, not evaluable. 1. Tilly H, et al. N Engl J Med 2022;386:351-63.

7



CR obtained after Pola-R-CHP treatment is maintained with 5y follow-up



Patients remaining at risk

Pola-R-CHP	383	347	333	317	301	286	277	251	222	105	79	3	NE
R-CHOP	387	336	295	279	268	253	247	230	206	98	72	NE	NE

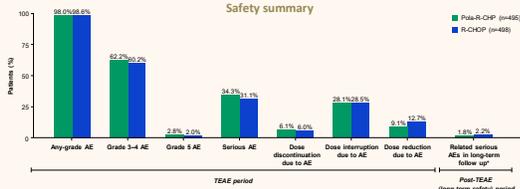
Complete remissions are durable and sustained with longer follow-up.

Division of Hematology
UNIVERSITY OF COLORADO ANNEVILLE MEDICAL CENTER
*Data cut-off: June 28, 2021; †Data cut-off: June 25, 2022; ‡Data cut-off: July 5, 2024; CR, complete remission; DFS, disease-free survival; DoCR, duration of complete remission.

8



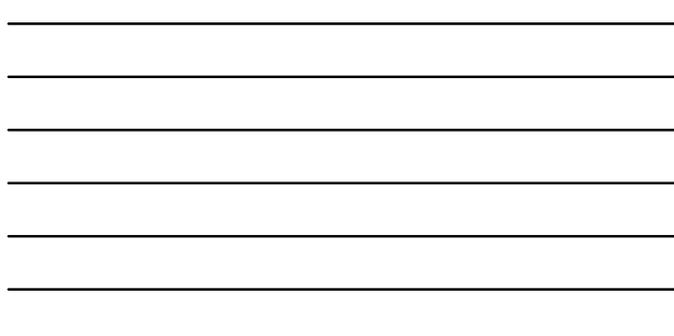
Pola-R-CHP shows a favorable benefit-risk profile compared with R-CHOP in the expanded population



Safety profile remained comparable between treatment arms, with no increased risks with long-term follow-up. There was no substantial change in the proportion of patients with AEs (≥5%) compared with the global population.

Division of Hematology
UNIVERSITY OF COLORADO ANNEVILLE MEDICAL CENTER
Data cut-off: July 5, 2024. ¹TEAEs are defined as new or worsening AE from the first dose of study drug through 90 days after the last dose of any study drug or prior to MALT, whichever is earlier. After the TEAE period, the post-TEAE period (i.e., long-term safety follow-up) reporting requirement is only for serious AEs that the investigator believes to be related to prior study drug treatment.

9



3

Take Home Points:

Pola-R-CHP is established as a standard of care in IPI 2+ newly diagnosed DLBCL

5-year follow-up of POLARIX showed sustained and significant PFS and DFS benefits for patients receiving Pola-R-CHP versus R-CHOP

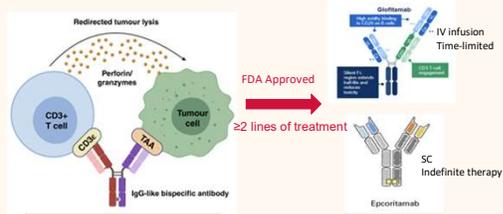
Numerically fewer deaths, especially lymphoma-related deaths, fewer subsequent treatments, were observed in patients receiving Pola-R-CHP compared with R-CHOP

No new safety signals were noted



10

Anti-CD20/CD3 Bispecific T Cell Engager (BiSp) therapies approved in R/R LBCL after failure of ≥2 lines of treatment



Singh et al. *Blood*. Journal of Cancer volume 134, pages 1037-1048 (2021). Luciani et al. *J. Clin. Oncol.* 2021; 39(12):1324-1331. Touloumis C, et al. *J. Clin. Oncol.* 2023;41(26):2529-2539

11

Fixed-duration glofitamab monotherapy continues to demonstrate durable responses in patients with relapsed or refractory large B-cell lymphoma: 3-year follow-up from a pivotal Phase II study

Michael Dickinson,¹ Carmelo Carlo-Stella,² Franck Morschhauser,³ Emmanuel Bachy,⁴ Guillaume Cartron,⁵ Paolo Corradini,⁶ Nancy L. Bartlett,⁷ Gloria Iacoboni,⁸ Cyrus Khan,⁹ Mark Hertzberg,¹⁰ Lorenzo Falchi,¹¹ Joshua Brody,¹² Marek Trněný,¹³ Estefania Mulvihill,¹⁴ Aurelien Berthier,¹⁴ Alessia Bottos,¹⁴ James Relf,¹⁵ Fabiola Bene Tchaleu,¹⁶ Linda Lundberg,¹⁴ Martin Hutchings¹⁷

¹Peter MacCallum Cancer Centre, Royal Melbourne Hospital and The University of Melbourne, Melbourne, Australia; ²Humanitas University and IRCCS Humanitas Research Hospital, Milan, Italy; ³Hôpital Claude Huriez and CHU de Lille, Lille, France; ⁴Centre Hospitalier Lyon Sud, Lyon, France; ⁵CHU de Montpellier, Montpellier, France; ⁶University of Milan and Fondazione IRCCS Istituto Nazionale dei Tumori, Milan, Italy; ⁷Stemmen Cancer Centre, Washington University School of Medicine, St. Louis, MO, USA; ⁸Vall d'Hebron University Hospital, Barcelona, Spain; ⁹Milgromy Health Network, Pittsburgh, PA, USA; ¹⁰Prince of Wales Hospital and University of New South Wales, Sydney, Australia; ¹¹Lymphoma Service, Memorial Sloan Kettering Cancer Center, New York, NY, USA; ¹²Tisch Cancer Institute, New York, NY, USA; ¹³Charles University, Prague, Czech Republic; ¹⁴Hoffmann-La Roche Ltd, Basel, Switzerland; ¹⁵Roche Products Ltd, Welwyn Garden City, UK; ¹⁶Genentech, Inc., South San Francisco, CA, USA; ¹⁷Rigshospitalet, Copenhagen, Denmark

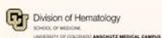
Presented at the 66th ASH Annual Meeting | December 7-10, 2024

12

4

Abstract #569 Pembrolizumab maintenance instead of transplant for patients with rel/ref HL in CR after pembro-GVD

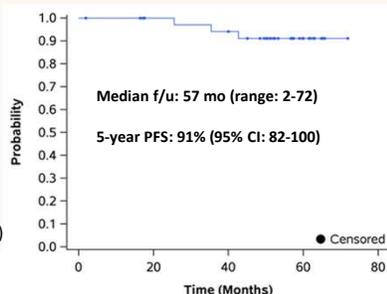
Alison Moskowitz, Gunjan Shah, Nivetha Ganesan, Helen Hancock, Theresa Davey, Tiffany Chang, Britney Munayirji, Monifa Douglas, Alayna M. Santarosa, Alexander Boardman, Philip Caron, Kevin David, Zachary Epstein-Peterson, Lorenzo Falchi, Paola Ghione, Andrew Intekofer, Paul Hamlin, Steven Horwitz, William Johnson, Anita Kumar, Jennifer Lue, Efrat Luttwak, Ariela Noy, Colette Owens, Maria Palomba, Gilles Salles, Raphael E. Steiner, Robert Stuver, Pallawi Torka, Santosha Vardhana, Andrew Zelenetz, Joachim Yahalom, Ahmet Dogan, Heiko Schoder, Craig H. Moskowitz



25

Phase II study of 2nd-line pembro-GVD → ASCT

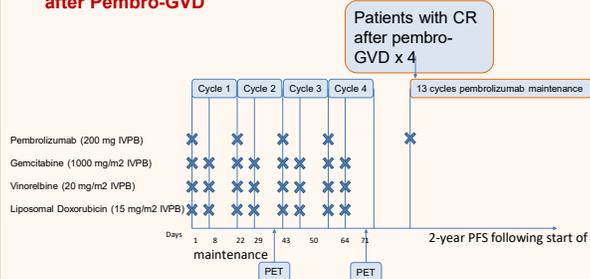
- 39 pts (38 evaluable; 1 with composite lymphoma)
- ORR: 100%
- CR: 95% (92% after 2 cycles)
- 36 transplanted (2 opted out)
- 1 relapse, 2 deaths (unrelated)



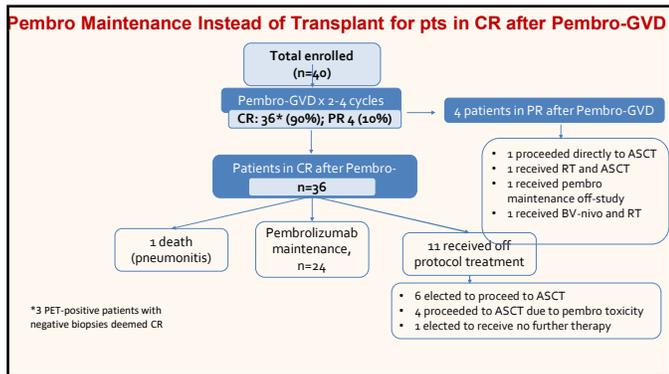
Updated from Moskowitz AJ, et al. JCO 2021
Data cut off: 9/20/2024

26

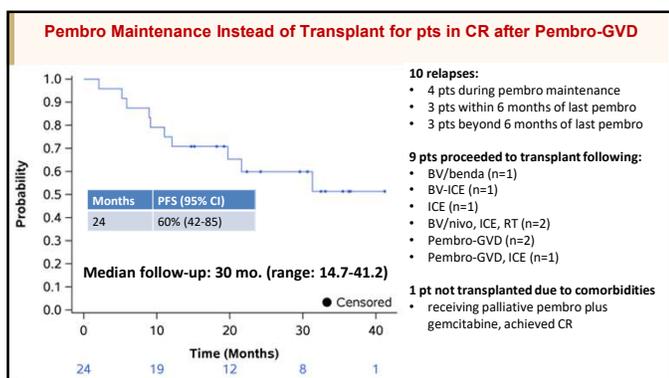
Pembro Maintenance Instead of Transplant for pts in CR after Pembro-GVD



27



28



29

Take Home Points:

Pembro-GVD x 4 → pembro maintenance may allow a subset of pts to be cured without transplant

Patients who relapse during or after maintenance can successfully be salvaged with third-line therapy and autologous stem cell transplant

Patients with stage IV disease are more likely to require transplant

Plan for phase II randomized, non-inferiority study evaluating transplant vs pembrolizumab maintenance for patients with rel/ref stage I-III HL in CR after pembro-GVD

Division of Hematology
UNIVERSITY OF CALIFORNIA SAN DIEGO MEDICAL CENTER

30

P1009

Fixed-Duration Acalabrutinib plus Venetoclax With or Without Obinutuzumab versus Chemoimmunotherapy for First-Line Treatment of Chronic Lymphocytic Leukemia: Interim Analysis of the Multicenter, Open-Label, Randomized, Phase 3 AMPLIFY Trial

Jennifer R. Brown, MD,¹ John F. Seymour, MD,² Wojciech Jurczak, MD,³ Andrew Aw, MD,⁴ Malgorzata Wach, MD,⁵ Arpad Illes, MD,⁶ Alessandra Tedeschi, MD,⁷ Carolyn Owen, MD,⁸ Alan Skarbnik, MD,⁹ Daniel Lysak, MD,¹⁰ Ki-Seong Eom,¹¹ Martin Šimkovič, MD,¹² Miguel Arturo Pavlovsky, MD,¹³ Arnon Philip Kater, MD,¹⁴ Barbara Eichhorst, MD,¹⁵ Kara Miller, MS,¹⁶ Veerendra Munugatavada, PhD,¹⁵ Ting Yu, MD,¹⁶ Marianne de Borja, MS,¹⁷ Paolo Ghia, MD^{18,19}

¹Dana-Farber Cancer Institute, Boston, MA, USA; ²Peter MacCallum Cancer Centre, Royal Melbourne Hospital, The University of Melbourne, Melbourne, VIC, Australia; ³Maria Skłodowska-Curie National Institute of Oncology, Kraków, Poland; ⁴University of Ottawa, Ottawa, Ontario, Canada; ⁵Medical University of Lublin, Lublin, Poland; ⁶University of Debrecen, Debrecen, Hungary; ⁷ASST Grande Ospedale Metropolitano Niguarda, Niguarda Cancer Center, Milano, Italy; ⁸University of Calgary and Foothills Medical Centre, Calgary, Canada; ⁹Novant Health Cancer Institute, Charlotte, NC, USA; ¹⁰Fakultni Nemocnice Pilsen, Pilsen, Czech Republic; ¹¹Catholic Hematology Hospital, Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul, Republic of Korea; ¹²Hradec Králové, University Hospital and Charles University in Prague, Hradec Králové, Czech Republic; ¹³FUNDALEU, Clinical Research Center, Buenos Aires, Argentina; ¹⁴Amsterdam University Medical Center, Amsterdam, on behalf of HCOVN, Netherlands; ¹⁵University Hospital Cologne, Cologne, Germany; ¹⁶VerzZeneca, South San Francisco, CA, USA; ¹⁷AdisZenecca, Mississauga, ON, Canada; ¹⁸Università Vita-Salute San Raffaele, Milano, Italy; ¹⁹RCCS Ospedale San Raffaele, Milano, Italy

31



AMPLIFY Study Design

TN CLL (N=867)

Key inclusion criteria

- Age ≥18 years
- TN CLL requiring treatment per iwCLL 2018 criteria¹
- Without del(17p) or 7P53
- ECOG PS ≤2

Key exclusion criteria

- CIRS-Geriatric >6
- Significant cardiovascular disease

Stratification

- Age (≥55 vs <55 years)
- IGHV mutational status
- Rai stage (≥3 vs <3)
- Geographic region

AMPLIFY: randomized, multicenter, open-label, Ph 3 trial

RANDOMIZE 1:1

- AV (14 cycles)
- AVO (14 cycles)
- FCR/BR^a (6 cycles)

Crossover was not allowed

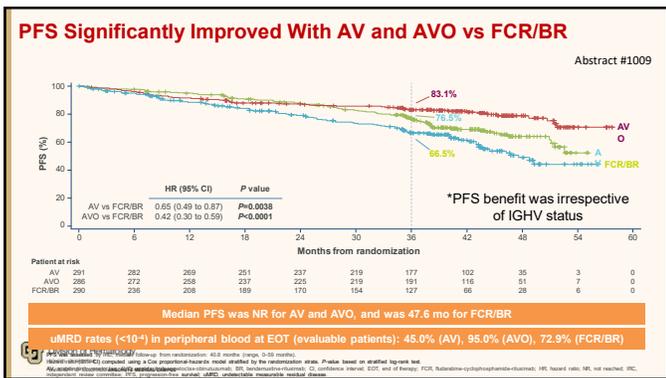
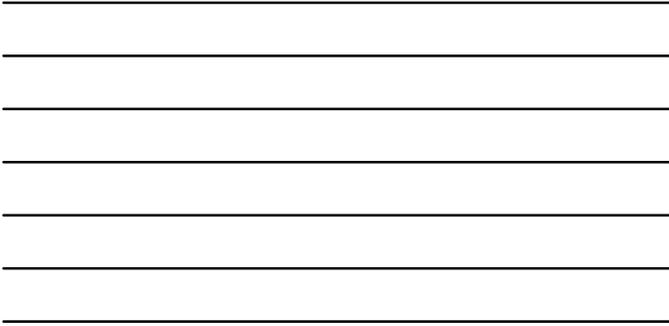
Primary endpoint: IRC-assessed PFS (AV vs FCR/BR)

If primary endpoint met, secondary endpoints tested in fixed sequential hierarchy:

- IRC-PFS (AVO vs FCR/BR)
- uMRD (AV vs FCR/BR)
- uMRD (AVO vs FCR/BR)
- OS (AV vs FCR/BR)
- OS (AVO vs FCR/BR)

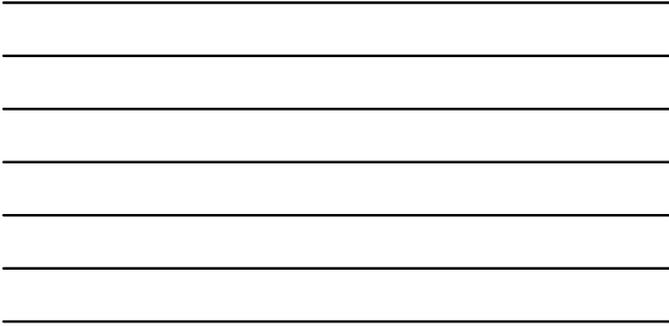
Abstract #1009

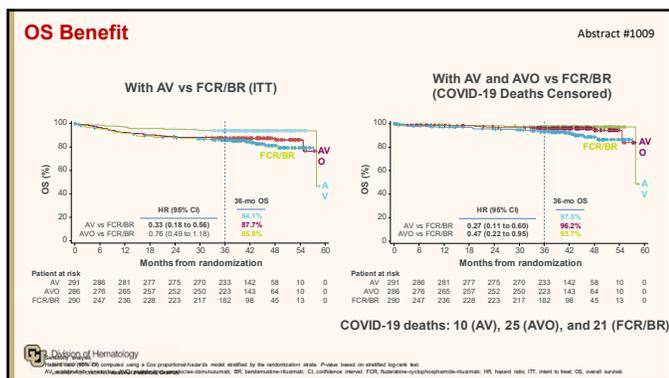
32



33

11





34

Safety Summary Abstract #1009

	AV (n=291)	AVO (n=284)	FCR/BR (n=259)
Duration of exposure, median (range), mo	12.9 (1-18)	12.9 (0-18)	5.6 (1-11)
Summary of AEs			
Any AE	270 (92.8)	269 (94.7)	236 (91.1)
Any AE grade ≥3	156 (53.6)	197 (69.4)	157 (60.6)
Any serious AE	72 (24.7)	109 (38.4)	71 (27.4)
Serious AEs leading to death	10 (3.4)	17 (6.0)	9 (3.5)
AE leading to treatment discontinuation	23 (7.9)	57 (20.1)	28 (10.8)

Division of Hematology

35

Take Home Points:

AMPLIFY - First phase 3 study of fixed-duration therapy with a combination of venetoclax and a second-generation BTKi in patients with TN CLL

- uMRD rates highest in the AVO arm
- AV and AVO had tolerable safety profiles, with low incidence of cardiac AEs typically associated with BTKis (ie, atrial fibrillation, hypertension)
- AVO had higher toxicity rates
- Will likely be the basis of submission for approval of AV+/- O

Division of Hematology

36



Thank You!

Email manali.kamdar@cuanschutz.edu
X @mana1981
