

FACULTY SPOTLIGHT ON MANTLE CELL LYMPHOMA

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Outline	
 Back 	ground
• Pat	hology
• Clir	ical Features
• Treat	ment options and survival
Thera	peutic Monitoring
New 1	herapy options
• Tar	geted Therapies
• Clir	ical Studies
• Cor	nclusion
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EGIMEN	EFFICACY	ΤΟΧΙΟΙΤΥ	
ordic (R-maxiCHOP/R-araC) followed y auto-HCT ¹	Median PFS: 8.5 years Median OS: 12.5 years	NRM: 7.5% MDS/AML: 3.1%	
CHOP/RDHAP followed by auto-HCT ²	Median PFS: 9.1 years Median OS: 9.8 years	NRM: 3.4% MDS/AML: 2.4%	
Any induction followed by auto-HCT CIBMTR real world data) ³	5 yr PFS: 52% 5 yr OS: 61%	NRM: 3%	
R-HyperCVAD (without auto-HCT) ⁴	Median PFS: 4.6 years 10 yr OS: 64%	NRM: 8% MDS/AML: 5%	

Relapsed/Refractory MCL

- The primary endpoint was investigator-assessed ORR according to the 2014 Lugano Classification¹
- Only 1.6% of patients required dose reductions and only 6.5% of patients discontinuing acalabrutinib due to adverse events.
- Atrial fibrillation was not observed. The most common side effects were headaches (36%) and diarrhea (38%), both of which were typically grades 1-2 and self-limited.
- Bleeding events were usually grade 1-2 and consisted of bruising and petechiae; there was 1 case of grade 3 gastrointestinal hemorrhage

Acalabrutinib

Ontra using the	2014 Eugano Glassification
	N=404

	11-124	
	Investigator assessed	IRC assessed
	n (%)	n (%)
ORR (CR + PR)	100 (81)	99 (80)
Best response		
CR	49 (40)	49 (40)
PR	51 (41)	50 (40)
SD	11 (9)	9 (7)
PD	10 (8)	11 (9)
Not evaluable	3 (2)	5 (4)

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Wang M, et al. ASH 2017

Wang M, et al. Acalabrutinib in relapsed or refractory mantle cell lymphoma (ACE-LY-004): a single-arm, multicentre, phase 2 trial. Lancet 2018;391(10121):659-667

Cytokine Release Syndrome/Neurotoxicity

• No Grade 5 CRS occurred

Parameter	N = 68
CRS, n (%) ^a	
Any grade	62 (91)
Grade ≥ 3	10 (15)
Most common any grade symptoms of CRS, n (%)	
Pyrexia	62 (91)
Hypotension	35 (51)
Нурохіа	23 (34)
AE management, n (%)	
Tocilizumab	40 (59)
Corticosteroids	15 (22)
Median time to onset (range), days	2 (1 – 13)
Median duration of events, days	11
Patients with resolved events, n (%)	62/62 (100)

Parameter	N = 68
Neurologic events, n (%) ^a	
Any grade	43 (63)
Grade ≥ 3	21 (31)
Most common any grade symptoms, n	
Tremor	24 (35)
Encephalopathy	21 (31)
Confusional state	14 (21)
AE management, n (%)	
Tocilizumab	18 (26)
Corticosteroids	26 (38)
Median time to onset (range), days	7 (1 – 32)
Median duration of events, days	12
Patients with resolved events, n (%)	37/43 (86) ^b

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Wang M et al, KTE-X19 CAR T-Cell Therapy in Relapsed or Refractory Mantle-Cell Lymphoma. N Engl J Med. 2020 Apr 2;382(14):1331-1342. doi: 10.1056/NEJMoa1914347. PMID: 32242358; PMCID: PMC7731441.

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Future Directions/Conclusions

- MCL is a disease with an evolving treatment and response algorithm.
 - How do we better segregate patients (observation vs. treatment)
 - What is the best management for high-risk patients
 - MRD? How do we incorporate this into our practice?
- Clinical trials remain very important in this disease.

ASK A QUESTION SPOTLIGHT ON MANTLE CELL LYMPHOMA

Ask a question by phone: Press star (*) then the number 1 on your keypad.

Ask a question by web: Click "Ask a question" Type your question Click "Submit"

Due to time constraints, we can only take one question per person. Once you've asked your question, the operator will transfer you back into the audience line.

LEUKEMIA & LYMPHOMA SOCIETY°

