

Disclosures

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- · Consulting/Advisory: Bicara Therapeutics, Regeneron, **PDS Biosciences**
- · Nonfinancial: I have no relevant nonfinancial relationship to disclose.

Overview

- Immunotherapy in cSCC
 - R/M
 - Neoadjuvant
 - Future state/controversies
- Immunotherapy in HNSCC
 - R/M
 - Neoadjuvant
 - Future state/controversies

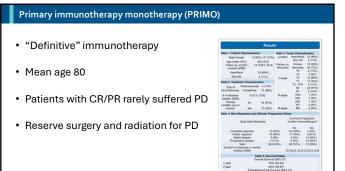
Immunotherapy in Advanced cSCC • Cemiplimab (anti-PD1) • First FDA approved agent to treat cSCC (2018!) • Pembrolizumab approved shortly thereafter

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Neoadjuvant Cemiplimab Phase 2 study • 95% III/IV (M0) • 4 neoadjuvant cycles • Protocol allowed for adjuvant treatment at investigator discretion

Neoadjuvant Cemiplimab Results 51% CR rate

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RAMPART Unresectable cSCC A Phase II, Multicenter, Single-Arm Clnical Trial of Definitive Radiotherapy And CeMiPlimAb-wlc ImmunoTRherapy for locally Advanced, Unresectable Cutaneous Squamous cell Carcinoma Primary endopriot disease free survival at 18 months ORR secondary endpoint

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cSCC conclusion

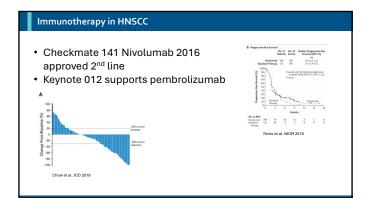
- Lots of good options for patients
- The best treatment algorithm is _
- HN 014

months

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- Testing the Addition of an Immunotherapy Drug, Cemiplimab (REGN2810), Plus Surgery to the Usual Surgery Alone for Treating Advanced Skin Cancer Phase 3 to confirm necadijuvant is superior to soc C-POST data imperils this study

- · Future directions/Needs
 - · Add LAG3 and other agents to neoadjuvant
 - Determine who needs more than single agent

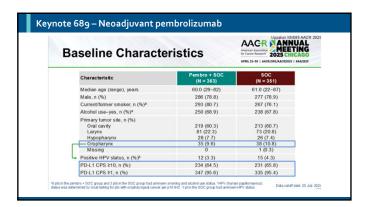


Immunotherapy in first line HNSCC · Keynote 048 supports first line pembrolizumab (CPS >=1) or pembrolizumab + chemotherapy (any ib is 20 25 30 35 40 41 50 CPS)
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 (31) • Keynote B10 supports paclitaxel Burtness et al. Lancet 2019 substitution • PFS for single agent pembrolizumab 2-3

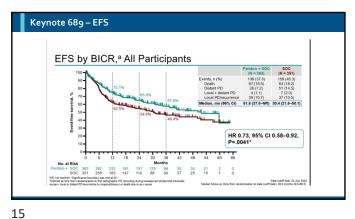
Keynote 689 – Neoadjuvant pembrolizumab KEYNOTE-689 Study (NCT03765918) Major pathological respon nary tumor + all sampled

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Keynote 689 – Neoadjuvant pembrolizumab AACR ANNUAL MEETING for Cancer Research 2025 CHICAGO **Treatment Disposition**

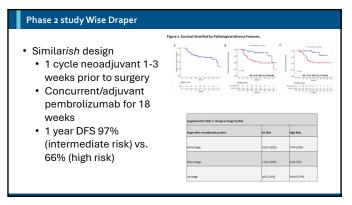
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Keynote 689 – DM prevention driving benefit DMFS,^a All Participants Time to Locoregional Failure,^a All Participants Fembro * 800 N = 363 Events, n (%) 136 (37.5) 159 (45.3) HR 0.71, 95% CI 0.56-0.90

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								imates of event-free survi
 III with marked benefit 				according to key subgroups in randomized participants who had tumors with PD-L1 CPS ≥10.				
				CPS ≥10	CPS 210 Events/Participants Pembro a SOC SOC			Hazard Ratio (95% C
 IVA no benefit? 				Overall Age	85/234	107/231	-	0.66 (0.49-0.88)
. Nam amalam Obamatik				<65 years ≥65 years	49/155 36/79	70/154 37/77	-	0.55 (0.38-0.80) 0.86 (0.54-1.36)
 Non-smokers ?benefit 				Sex Male	65/180	90/175	-	0.55 (0.40-0.76)
011 01				Female Race	20/54	17/56	-	1.21 (0.63-2.31)
 Older patients ?benefit 				White All others	66/183 14/43	84/185 18/40		0.65 (0.47-0.90) 0.64 (0.32-1.29)
DDI 1 birbar maara banafit				Region North America	18/46	16/37		0.74 (0.37-1.44)
 PDL1 higher more benefit 				European Union Rest of world	30/87 37/101	43/97	-	0.67 (0.42-1.08) 0.59 (0.38-0.91)
				Primary tumor site Oropharynu/Oral cavit	y 65/166	83/178	-	0.73 (0.53-1.01)
Event-free Survival at 36 Months				Larynx Tumor stage	14/48	20/35		0.34 (0.17-0.67)
Pembrolizumab Control				IVA	11/55 74/177	29/63 78/168		0.29 (0.14-0.58) 0.82 (0.60-1.13)
100-				PD-L1 TPS	46/131	56/124		0.63 (0.43-0.93)
4	Placed new, 0.86 (95% Ct, 0.49 to 0.80):	Historif ratio, 0.70 (80% C), 0.15 to 0.870;	Hazard ratio, 0.72 (95% CJ, 0.58 to 0.92);	≥50% Smoking status	39/103	51/107	-	0.69 (0.46-1.05)
g 10 ·	hea-sided P=0.004	two cided P=0.003	two-sided P = 0.008	Never smoker Former smoker	17/42	26/63		0.93 (0.51-1.72)
¥ 60-	59.8	58.2	57.6	Current smoker	22/63	39/77		0.51 (0.30-0.86)
9	45.9	44.9	46.4			-	0.25 0.5 1.0 2.0	
E 40-						Favors	pembrolizumab Favor	s control



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Keynote 689 – Pathological Response

- pCR and mPR rates low
- pCR rate could be a surrogate marker for OS

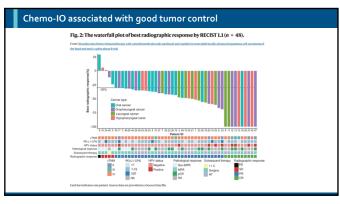


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• ~25% pCR in NSCLC

Chemo+IO better?

- Two small phase 2 studies in Asia utilizing **cisplatin + nabpaclitaxel + camrelizumab** in locally advanced (III-IVB
 - Zhang et al \rightarrow 27 patients (all went to surgery) no oral cavity!
 - ORR 97%
 - pCR 37%, MPR 74.1
 - Wu et al → 48 patients including oropharynx, larynx, hypopharynx, and oral cavity → 27 treated with surgery, 21 non-surgical (CRT)
 - ORR 89.6% (48 patients)
 - pCR 55.6%, MPR 63%



HNSCC Conclusion/Future directions

- Pembrolizumab improves EFS
 - · DMFS seems to be driver
- Benefit may be uneven
- How much does adjuvant immunotherapy drive EFS and potentially OS?
- Intensification of neoadjuvant for IVA and greater patients?

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