

Pembrolizumab with carboplatin and paclitaxel for untreated metastatic squamous non-small-cell lung cancer (CDF review of TA600)

# Chair's presentation

**2<sup>nd</sup> Appraisal Committee meeting**

**Lead team:**

**Chair Lindsay Smith**

**ERG: ScHARR (University of Sheffield)**

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**Company: MSD**

**14<sup>th</sup> October 2021**

# Key clinical and cost-effectiveness issues

Can the 'PD-L1 $\geq$ 50% with urgent clinical need' subgroup be defined?	
Is there evidence to support the use of pembrolizumab combination in the PD-L1 TPS $\geq$ 50% with an urgent clinical subgroup?	
Should cost-effectiveness decisions on the PD-L1 subgroups be treated as a single (<50% weighted) group and if so should this be weighted by real world use or clinical trial use?	
Should a waning of treatment effect for OS and PFS be applied at 5 years?	
Should the costs of subsequent treatment reflect those in KEYNOTE-407?	
Is the updated KEYNOTE survival data robust enough to reduce uncertainty?	
Has the end-of life criteria been met in any of the PD-L1 TPS subgroups?	
Are there any equality issues that the appraisal committee can take into account in its decision making?	

# ACD preliminary recommendation

Pembrolizumab plus carboplatin and paclitaxel is not recommended, within its marketing authorisation, for untreated metastatic squamous non small-cell lung cancer in adults

# Summary of Company ACD response

<b>Population</b>	<p>Seek ongoing access in population that had access in CDF</p> <ul style="list-style-type: none"><li>• All PD-L1 TPS &lt;50% - including &lt;1% and 1% to 49% subgroup</li><li>• Focus now on subgroup TPS≥50% who need an urgent clinical response who cannot receive pembrolizumab monotherapy</li></ul>
<b>Weighted subgroups</b>	<p>Supports weighted stratification of PD-L1 TPS &lt;50% subgroup but suggests this should be weighted using real-world evidence not KEYNOTE-407 distribution</p>
<b>Uncertainty in the evidence base</b>	<p>Suggest uncertainty in evidence base is low:</p> <ul style="list-style-type: none"><li>• Long term treatment effect for 4 years</li><li>• Committee preferred costs of subsequent therapies did not reflect KEYNOTE-407</li><li>• Indirect treatment comparison for pembrolizumab monotherapy in TPS≥50% subgroup is not relevant</li></ul>
<b>End-of-Life</b>	<ul style="list-style-type: none"><li>• Suggest end-of-life life met in the subgroup TPS≥50% who need an urgent clinical response</li></ul>

# ACD considerations - Areas of uncertainty (1)

Issue	Committee's considerations
<p>Stratification by PD-L1 subgroups (ACD sections 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.11, and 3.12)</p>	<ul style="list-style-type: none"> <li>• KEYNOTE-407, stratified by PD-L1 status (TPS <math>\geq 1\%</math> vs. <math>&lt; 1\%</math>) to pembro combination/ placebo and subgroup analyses by PD-L1 status (TPS <math>&lt; 1\%</math>, 1-49%, <math>\geq 50\%</math>)</li> <li>• Treatments differ in practice               <ul style="list-style-type: none"> <li>• PD-L1 <math>&lt; 50\%</math> = platinum-based combination chemotherapy</li> <li>• PD-L1 <math>\geq 50\%</math> = pembrolizumab monotherapy (small number needing rapid response = combination pembrolizumab and chemotherapy)</li> </ul> </li> <li>• Committee agreed clinical effectiveness decisions should reflect clinical practice - PD-L1 status (<math>&lt; 50\%</math> and <math>\geq 50\%</math>)</li> <li>• KEYNOTE-407 not generalisable to clinical practice (did not reflect options for PD-L1 <math>\geq 50\%</math> subgroup)</li> <li>• <b>Committee concluded it would prefer CE estimates to be based on clinical practice; that is, stratified by TPS of <math>&lt; 50\%</math> and <math>\geq 50\%</math></b></li> </ul>
<p>Extrapolating overall and progression free survival for PD-L1 subgroup <math>\geq 50\%</math> (ACD section 3.6)</p>	<ul style="list-style-type: none"> <li>• Company did an ITC of pembrolizumab combination therapy and pembrolizumab monotherapy</li> <li>• ERG suggested ITC favours pembrolizumab monotherapy, although results highly uncertain.</li> <li>• <b>Concluded: the modelled overall survival estimates for PD-L1 subgroup <math>\geq 50\%</math> were highly uncertain</b></li> </ul>

# ACD considerations –Areas of uncertainty (2)

Issue	Committee's considerations
<p>Waning of treatment effect (ACD section 3.9)</p>	<ul style="list-style-type: none"> <li>• Company base case included 5-year waning applied to OS and ERG applied 5- yr waning to both OS and PFS</li> <li>• Committee considered no evidence to support this. Precedent from other immunotherapies was 3-5 yr waning.</li> <li>• <b>Concluded: treatment effect lasting between 3 and 5 years after starting treatment is appropriate for decision making</b></li> </ul>
<p>End of life criteria (ACD sections 3.11 and 3.12)</p>	<ul style="list-style-type: none"> <li>• <b>Concluded pembrolizumab combination meets extension to life criterion and short life criterion in PD-L1 subgroup &lt;50% but not clear in PD-L1 subgroup ≥ 50%</b></li> </ul>
<p>Costs of subsequent immunotherapies (ACD section 3.8)</p>	<ul style="list-style-type: none"> <li>• Company – costs apply for all standard care and subsequent treatment (committee preference from TA600)</li> <li>• ERG: Costs only apply to those who had subsequent treatment</li> <li>• In KEYNOTE-407 a small number had chemotherapy after standard care. Company assumptions may overestimate costs (underestimate ICER)</li> <li>• <b>Concluded: costs of subsequent treatments should reflect those in KEYNOTE-407</b></li> </ul>

# Summary of company's ACD response

Committee preferred assumptions at ACM 1	Implemented by company?	Company comments
Weighted subgroups for PD-L1 TPS <50%	✓/X	Subgroups with PD-L1 TPS <50% and ≥50% but weighted by real world data not KEYNOTE-407 trial data
TPS ≥50%	X	Only want committee to focus on those with an urgent clinical need who cannot receive pembrolizumab monotherapy.
Waning of treatment effect between 3 and 5 years	X	KEYNOTE-407 OS data beyond 3 years does not show effect wanes at that time PFS assumes lifelong benefit
Log-logistic model to OS and hybrid-model to PFS	✓	Updated models for TPS >1%, 1-49% and ITT using sept 2020 data cut
Subsequent treatments in line with KEYNOTE-407	✓	Will accept “within trial” approach using KEYNOTE-407 data
Stopping rule at 35 cycles	✓	No comments
Pre/ post progression utilities	✓	No comments
TTD based on KM estimates	✓	No comments

# Recap from 1<sup>st</sup> meeting

# History of appraisal: pembrolizumab with carboplatin and paclitaxel

## TA600 published Sept 2019:

Pembrolizumab, with carboplatin and paclitaxel is recommended for use within the Cancer Drugs Fund as an option for untreated metastatic squamous NSCLC in adults only if

- pembrolizumab is stopped at 2 years of uninterrupted treatment, or earlier if disease progresses, and
- the company provides pembrolizumab according to the managed access agreement.

## ID1683 CDF review of TA600

- **Oct 2020:** Company submission
- **July 2021:** Technical engagement

## Further data collection from CDF:

- 1) Managed access agreement
- 2) Additional data from KEYNOTE-407

CDF review ACM1  
August 2021

## ID1683 Appraisal consultation document draft recommendations:

Pembrolizumab plus carboplatin and paclitaxel is not recommended, within its marketing authorisation, for untreated metastatic squamous NSCLC in adults

# Pembrolizumab with carboplatin and paclitaxel

<b>Marketing authorisation (September 2019)</b>	Pembrolizumab in combination with carboplatin and either paclitaxel or nab-paclitaxel, is indicated for the first-line treatment of metastatic squamous NSCLC in adults
<b>Dosage and administration</b>	Pembrolizumab given as part of combination therapy: <ul style="list-style-type: none"><li>• 200 mg administered every 3 weeks, alternatively 400 mg every 6 weeks, as an intravenous infusion</li></ul>
<b>Patient access scheme</b>	A commercial access agreement has been approved which provides a simple discount to the list price

## **Committee conclusion in TA600:**

Considerable uncertainty in OS standard care groups:

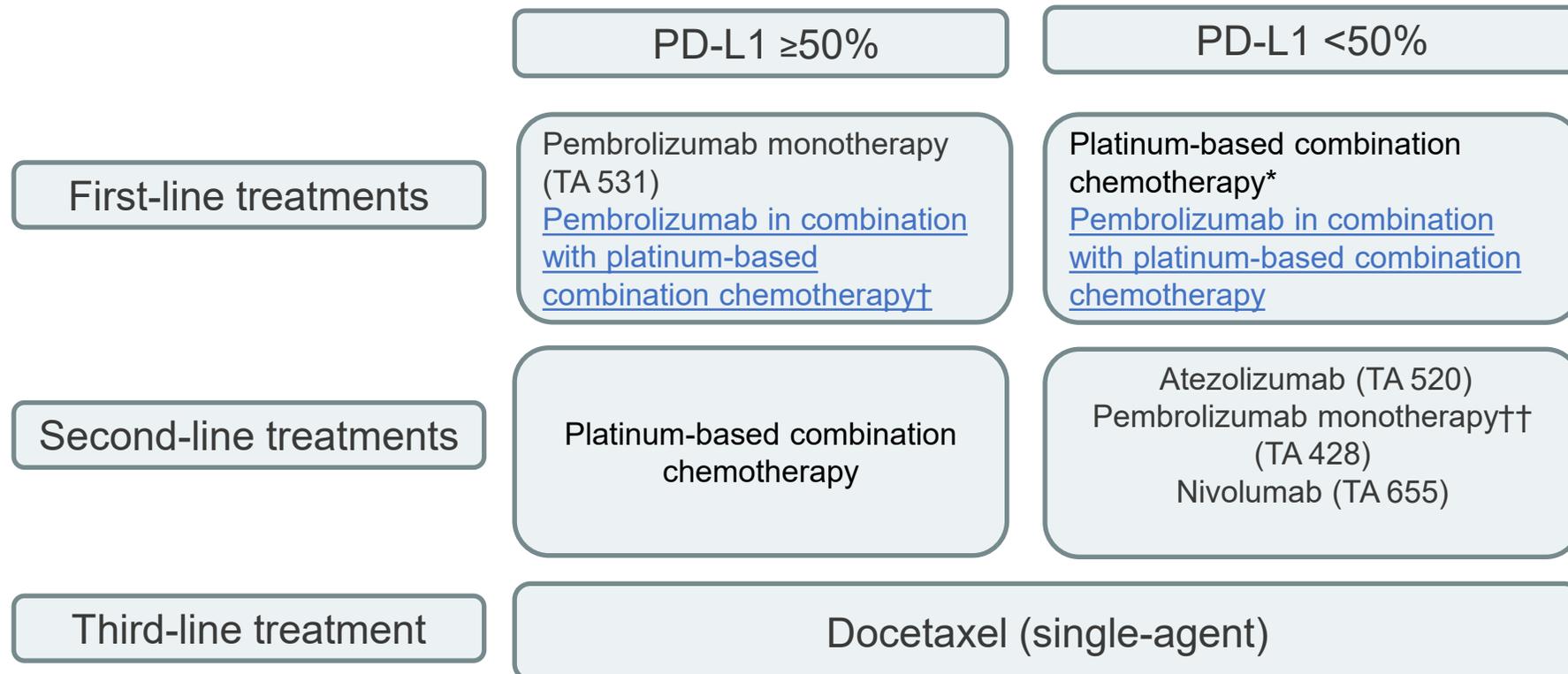
- Further overall survival data in ITT population and PD- L1 TPS subgroups\* would inform decisions on effectiveness of pembrolizumab combination therapy vs standard care
- Further overall survival data in standard care group (subsequent immunotherapy benefits) would inform decisions on end of life criteria

Abbreviations: NSCLC: non small cell lung cancer, ITT: intention-to-treat, OS: overall survival, PD-L1: programmed death ligand 1, TPS: tumour proportion score

\*subgroups defined as TPS <1%, 1-49% and ≥50%

# Treatment pathway

Position of pembrolizumab combination therapy in treatment pathway for untreated squamous NSCLC setting



*Platinum-based combination chemotherapy - gemcitabine, paclitaxel, vinorelbine plus carboplatin or cisplatin*

*\* unless unable to tolerate platinum therapy*

*† for TPS  $\geq$ 50% only and requires an urgent clinical response (e.g. impending major airway obstruction) and issue has been fully discussed with the patient*

*†† for TPS >1% only CDF = Cancer Drugs Fund*

*Note - treatment may involve re-challenging with platinum-based chemotherapy in second-line for some patients*

# Primary clinical evidence: KEYNOTE 407

<b>Design</b>	Phase III, multicentre, double-blind randomised controlled trial
<b>Population</b>	Adults with untreated, metastatic, squamous NSCLC
<b>Subgroups</b>	Subgroups by PD-L1 expression (<1%, 1-49%, ≥50%) NB: PD-L1 <50% (weighted) was not part of KEYNOTE-407 protocol
<b>Intervention</b>	Pembrolizumab with carboplatin and paclitaxel/nab-paclitaxel
<b>Comparator</b>	In KEYNOTE-407 <ul style="list-style-type: none"><li>• Saline placebo plus chemotherapy</li></ul> In clinical practice <ul style="list-style-type: none"><li>• Chemotherapy (docetaxel, gemcitabine, paclitaxel or vinorelbine) in combination with a platinum drug (carboplatin or cisplatin)</li><li>• Pembrolizumab monotherapy (in PD-L1-positive NSCLC if the tumour expresses a tumour proportion score of at least 50%)</li></ul>
<b>Outcomes</b>	<ul style="list-style-type: none"><li>• Overall Survival</li><li>• Progression-Free Survival</li></ul>
<b>Follow up for CDF review</b>	<ul style="list-style-type: none"><li>• TA600: Interim analysis (data cut April 2018)</li><li>• CDF review: Final analysis (data cut May 2019)</li><li>• CDF review TE: Company provided overall survival data from additional follow-up (data cut September 2020)</li></ul>

**Abbreviations:** NSCLC; non small-cell lung cancer, PD-L1 programmed death ligand 1

# KEYNOTE-407: Clinical evidence

- September 2020 data cut in the ITT only previously presented but was not included in company's model for ACM1 – median time from randomisation to cut-off of 40.1 months
- Company now using this data cut to inform the economic modelling

	Overall survival	Progression-free survival
	Hazard ratio (95% CI)	Hazard ratio (95% CI)
ITT,	0.71 (0.59–0.86)	0.59 (0.49–0.71)
PD-L1 TPS <1% subgroup		
PD-L1 TPS 1-49% subgroup		
PD-L1 TPS ≥50% subgroup		

No hazard ratios provided for weighted PD-L1 TPS <50% subgroup

# ACD consultation responses:

## Consultation comments

- MSD (company)
- British Thoracic Oncology Group (BTOG)

## • Web comments

- No web- based comments were received
-



# PD-L1 $\geq 50\%$ Subgroup

## RECAP:

Pembrolizumab monotherapy is mostly used for PD-L1 tumour proportion scores  $\geq 50\%$  but a few people needing a rapid response may benefit from initial pembrolizumab combination therapy

## Company comments:

- Not seeking access in the full subgroup with PD-L1 TPS  $\geq 50\%$  but is seeking continued access for those that need an urgent clinical response
- Confirmation from NHS CDF clinical lead- 11% of PD-L1  $\geq 50\%$  subgroup have urgent clinical response
- ITC between pembrolizumab combination and pembrolizumab monotherapy is now redundant – relevant comparator is chemotherapy
- Updated KEYNOTE-407 trial data for pembrolizumab combination therapy compared with chemotherapy in the TPS $\geq 50\%$ : median OS of [REDACTED] months and [REDACTED] months; incremental median OS gain of [REDACTED] months

## ERG comments:

- ITC used to inform model reflects people recruited into KEYNOTE-407 and KEYNOTE-042 with TPS  $\geq 50\%$ , without any additional criteria related to urgent need of clinical response
- No evidence presented of clinical benefit for this specific subgroup of people – median OS presented reflects broader TPS  $\geq 50\%$  group and not those with an urgent clinical need

- **Can the 'PD-L1  $\geq 50\%$  with urgent clinical need' subgroup be defined?**
- **Is there evidence to support the use of pembrolizumab combination in the PD-L1 TPS  $\geq 50\%$  with an urgent clinical subgroup?**

# PD-L1 <50% Subgroups (1)

## RECAP:

The intention-to-treat population did not reflect clinical practice. Decisions about clinical effectiveness should be based on the weighted values for PD-L1 status (that is, PD-L1 tumour proportion scores of less than 50% and 50% or more).

## Company comments

- Favours the consideration of 3 subgroups (TPS <1%, 1-49%, and >50%) and accepts the weighted approach for the <50% subgroup proposed by the committee at ACM1 such that within this subgroup, costs and outcomes are weighted by the subgroup analyses for the <1% and 1-49% subgroups but weighted by real world utilisation of the Pembro combo to these subgroups instead of KEYNOTE-407 distribution
- The baseline characteristics from the trial for each subgroup do not indicate any difference between the populations

PD-L1 TPS subgroup	Pembrolizumab combination therapy usage – June 2020*^	KEYNOTE-407 distribution	CDF distribution usage
<1%	22%	35.5%	48%
1-49%	68%	37.8%	41%
≥50%	10%	26.7%	11%

\*Source: IQVIA Market Research Data, July 2021

^Company preferred source to weight group

# PD-L1 <50% Subgroups (2)

## Consultee comments:

- “correct that current therapeutic options for squamous cell NSCLC available on the NHS only differ between PD-L1 >50% (single-agent Pembrolizumab) and PD-L1 <50% (Pembrolizumab, Paclitaxel and Carboplatin)
- “in practice most thoracic oncologists would still categorise patients into low (<1%), weak (1-49%) and high (>50%) when assessing a patient’s tumour type and making treatment decisions. Indeed, after histology sub-type (squamous vs. non-squamous) this is the most important pathological characteristic”.
- “Whether a squamous cell carcinoma is negative or weak positive would influence how an oncologist would view the relative benefits of 1st and 2nd line treatment options”

## ERG response:

- It may not be appropriate to combine PD-L1 subgroups <1%, 1 to 49%
  - Company note PD-L1 TPS <50% subgroup is not homogenous
  - Cost-effectiveness is likely to differ between TPS <1% and 1 to 49% subgroups
  - Weighting across groups may mask if a technology is not cost-effective in one subgroup

Note: Combined <1% and 1-49% PD-L1 TPS subgroups, weighting based on number in each subgroup in KEYNOTE-407 (48.38% with PD-L1<1% and 51.62% with PD-L1 1-49%)

**Should cost-effectiveness decisions on the PD-L1 subgroups be treated as a single (<50% weighted) group and if so should this be weighted by real world use or clinical trial use?**

# Waning of treatment effect (1)

## RECAP:

- For consistency with previous appraisals of immunotherapies for NSCLC, a treatment effect lasting between 3 and 5 years after starting treatment was appropriate for decision making.

## Company comments:

- Long-term OS KM data for ITT (Sept 2020 data cut) provides no evidence that treatment effect on OS begins to wane with follow-up beyond 36 months (shown in next slide)
- No evidence to support waning of treatment effect at 5 years, particularly not in PFS
- Prepared to accept ERG's waning of treatment effect at 5 years, in absence of any supportive evidence to conclude on appraisal

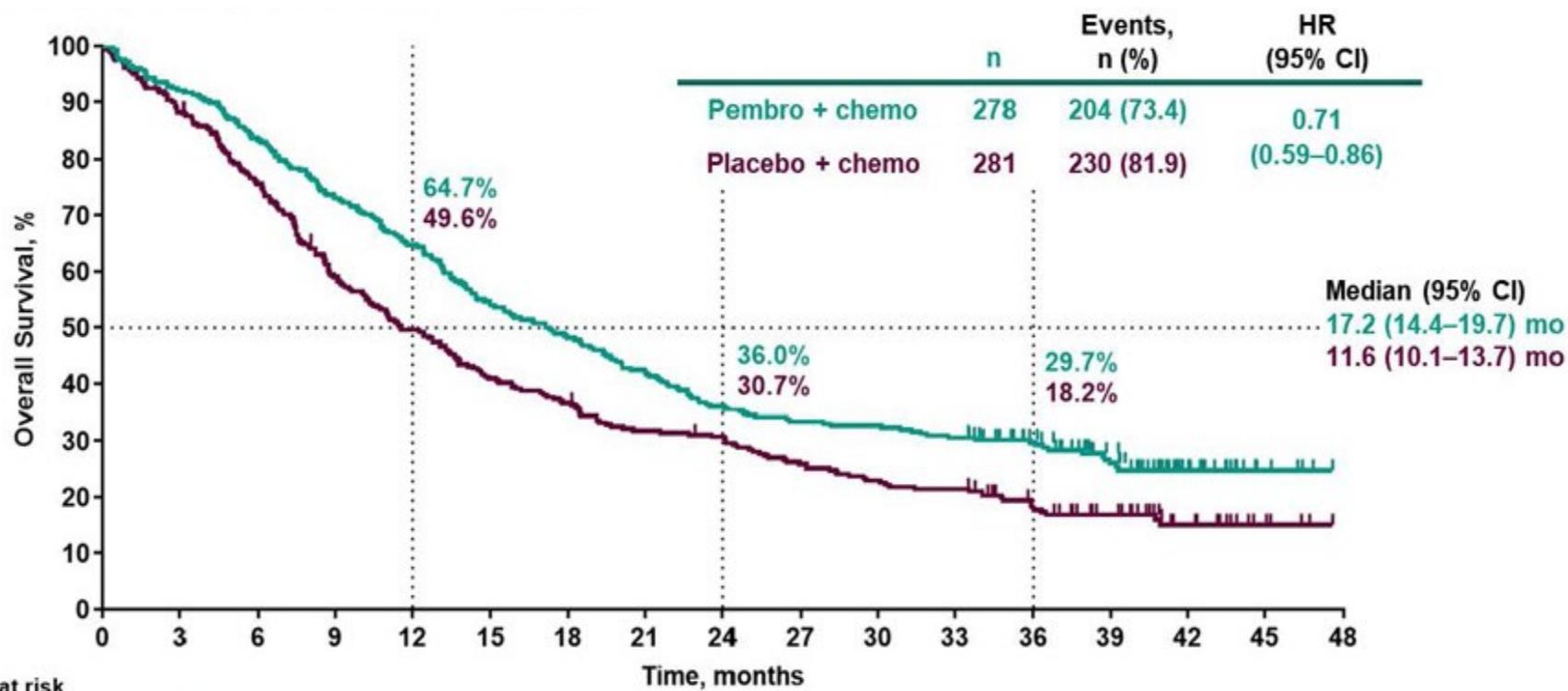
## ERG response:

- No data beyond 4 years and unclear if effects on PFS and/or OS persist beyond this time
- ERG does not believe evidence is conclusive in supporting indefinite treatment effects –
- OS plot (see next slide) indicates high levels of censoring and few OS events in both groups at later timepoints.
- ERG suggest KM curves are not very intuitive. Using hazard functions and log cumulative hazards for PFS and OS would assess if treatment effect persists over longer period
- Company's updated model assumes waning of OS at 5 years (instant loss) but does not include waning of PFS
- Company's ACD response does not include any consideration of the plausibility of the selected models within each PD-L1 TPS subgroup.

# Waning of treatment effect (2)

**New evidence**

**Overall survival Kaplan Meier data: KEYNOTE-407 ITT population (September 2020 data)**



No. at risk	0	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48
Pembro + chemo	278	256	232	203	180	150	134	117	100	93	91	84	65	44	18	5	0
Placebo + chemo	281	245	210	163	137	113	100	87	83	70	62	58	42	29	14	4	0

<sup>a</sup>ITT population.  
Data cutoff date: Sep 30, 2020.

**Should a waning of treatment effect for OS and PFS be applied at 5 years?**

# Costs of subsequent treatment

**RECAP:** Company assumed costs of subsequent immunotherapies apply to all having standard care and subsequent treatment but in KEYNOTE-407 **xxx** who had subsequent therapy after standard care had chemotherapy as subsequent treatment. Committee conclude costs of subsequent treatment should have reflected treatments in KEYNOTE 407.

## Company comments:

- Recognise subsequent treatment use in KEYNOTE-407 deviates from NHS clinical practice
- Can accept ERG approach but suggest data is insufficient to estimate a statistically robust adjustment so suggest committee could choose midpoint within the range of uncertainty between ERG and company assumptions

## Consultee comments:

- Always some who do not have subsequent immunotherapy after 1st line chemotherapy
- When KEYNOTE-407 was running, 2nd line immunotherapy not as widely available in all countries
- Do not agree with ERG approach (only for those having subsequent treatment). Does not reflect clinical practice

## ERG response:

- ERG view remains unchanged: Company ICER likely to underestimate,
- ERG's preferred analysis consistent with trial but limited because it does not reflect clinical practice
- More appropriate to align health outcomes with costs required to generate those outcomes
- Taking midpoint ICER between analyses, may not be meaningful

**Should the costs of subsequent treatment reflect those in KEYNOTE-407?** 20

# Uncertainty in the evidence base

Uncertainty over long-term treatment effect on overall and progression-free survival from KEYNOTE-407

## Company comments:

- Evidence base is mature, extrapolation is robust and has “the most clinically plausible 5-year and 10-year survival estimates” (ACD section 3.7)
- Disagree with suggestion of high degree of uncertainty in the evidence base
- Provided updated overall and progression-free survival data for the PD-L1 subgroups for KEYNOTE-407 (Sept 2020 cut off)
- Do not believe there are high levels of uncertainty in the 3 subgroup estimates

## OS and PFS events that have occurred in KEYNOTE-407 since original appraisal (TA600)

	TA 600		September 2020 Data cut	
	OS	PFS	OS	PFS
ITT population				
Pembrolizumab	30.6%	54.7%	73.4%	83.1%
Standard chemo	42.7%	70.1%	81.9%	91.5%

## ERG response:

- Uncertainty may have arisen because company had not provided longer term (Sept 2020) data for PD-L1 TPS subgroups at time of ACD
- Still some uncertainty of long-term outcomes in specific PD-L1 TPS subgroups
- Parametric survival models were selected on goodness-of fit but company do not consider plausibility of chosen models within each PD-L1 TPS subgroup

**Is the updated KEYNOTE survival data robust enough to reduce uncertainty?**

# End of Life (1)

**RECAP:** Both EOL criterion likely met for the subgroup with PD-L1 less than 50%, but not for the subgroup with scores of 50% or more

## Company comments:

- End of life criteria is met for PD-L1 TPS <1% and TPS 1-49%
- Suggest modified subgroup with PD-L1 TPS  $\geq$ 50% and need for urgent clinical response is also highly likely to meet the end of life criteria
  - Urgent clinical need implies short survival - clinical consensus shows survival is less than 24 months - If patients were not in such a severe health state they would be suitable for pembrolizumab monotherapy
  - In KEYNOTE-407 median OS met in PD- L1 TPS  $\geq$ 50% and relevant population (with urgent clinical need) would be a sicker group so all would meet short life criterion

PD- L1 TPS $\geq$ 50% subgroup	Median OS from KEYNOTE-407	Modelled mean (life year gains)
Pembrolizumab combination	xxxxx months	xxxx
Chemotherapy	xxxxx months	xxxx

# End of Life (2)

## ERG response:

- Company has not presented evidence to show extension to life is at least 3 months for the PD-L1 TPS  $\geq 50\%$  urgent clinical need subgroup
- ERG presented updated analysis using latest data cut – consider it is unclear is whether EOL is met and in which subgroups

Model	Treatment group	Modelled Life year gains	Additional OS gain (years)
PD-L1 TPS <1%	Pembrolizumab		XXXX
	Chemotherapy		
PD-L1 TPS 1-49%	Pembrolizumab		XXXX
	Chemotherapy		
PD-L1 TPS <50%, KEYNOTE407 weighted	Pembrolizumab		XXXX
	Chemotherapy		
PD-L1 TPS <50%, IQVIA weighted	Pembrolizumab		XXXX
	Chemotherapy		
PD-L1 TPS <50%, CDF weighted	Pembrolizumab		XXXX
	Chemotherapy		

Has the end-of life criteria been met in any of the PD-L1 TPS subgroups?

# Equality and innovation

Recap: No relevant equality issues were identified and all relevant benefits of the technology were captured in the QALY

## Company comments:

- ACD highlighted poor outcomes in people with squamous NSCLC
- Company suggest smoking-related comorbidities in this group impact lower socio-economic groups
- Company believe significant equity issues especially in <1% or 1-49% PD-L1 subgroups
- Need to consider socio-economic determinants of health inequality that lead to increased smoking rates in decision-making
- Company also note pembrolizumab combination therapy is an innovative technology in treatment of squamous NSCLC, a disproportionately under-served patient population

## Consultee comments:

- ACD section 3.1: states role of biomarkers such as PD-L1 to predict cancers most likely to respond to immunotherapy is less well established in squamous than non squamous NSCLC. Most thoracic oncologists would view a PD-L1 negative, low (1-49%) or high (>50%) result in squamous and non-squamous equally useful to direct anti-cancer therapy. In clinical practice, there is not a significant difference between the role of PD-L1 in squamous and non-squamous lung cancer.

**Are there any equality issues that the appraisal committee can take into account in its decision making?**

# Company & ERG updated model assumptions

Analysis	Company	ERG
<b>Company updated base case</b>	<ul style="list-style-type: none"> <li>• Log-logistic model fit for OS (both arms)</li> <li>• Hybrid model fit for PFS (both arms)</li> <li>• KM estimates for TTD</li> <li>• Utilities based on pre or post progression status</li> <li>• Stopping rule – costs applied for 35 cycles</li> <li>• Duration &amp; costs of subsequent treatments based on KEYNOTE-407, KEYNOTE-010, KEYNOTE-024, OAK</li> <li>• Waning of treatment effect for OS at 5 years (instant stop)</li> <li>• Stratification into 3 PD-L1 TPS subgroups (&lt;1%, 1 -49% and ≥50% - that have urgent clinical need)</li> </ul>	<ul style="list-style-type: none"> <li>• ✓</li> <li>• ✓</li> <li>• ✓</li> <li>• ✓</li> <li>• ✓</li> <li>• ✓</li> <li>• ✓/X includes scenario with waning of PFS at 5 years</li> <li>• ✓ ERG preference to examine these separately</li> </ul>
<b>Weighted analysis</b>	<ul style="list-style-type: none"> <li>• Weighted PD-L1 subgroups (0-49% based on real-world data)</li> </ul>	<ul style="list-style-type: none"> <li>• ✓ presents results of weighting with real world data, KEYNOTE-407 &amp; CDF distribution<sup>25</sup></li> </ul>

# Cost-effectiveness estimates

Because of confidential discounts, the results are confidential and will be presented in Part 2

# Key clinical and cost-effectiveness issues

Can the 'PD-L1 $\geq$ 50% with urgent clinical need' subgroup be defined?	
Is there evidence to support the use of pembrolizumab combination in the PD-L1 TPS $\geq$ 50% with an urgent clinical subgroup?	
Should cost-effectiveness decisions on the PD-L1 subgroups be treated as a single (<50% weighted) group and if so should this be weighted by real world use or clinical trial use?	
Should a waning of treatment effect for OS and PFS be applied at 5 years?	
Should the costs of subsequent treatment reflect those in KEYNOTE-407?	
Is the updated KEYNOTE survival data robust enough to reduce uncertainty?	
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