

Novedades & Claves en CÁNCER de PULMÓN 2023

INTRODUCCIÓN

DRA. REYES BERNABÉ
HOSPITAL VIRGEN DEL ROCIO

Con la colaboración de:

 Bristol Myers Squibb™

janssen  Oncology
PHARMACEUTICAL COMPANIES OF 

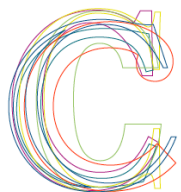
Organizado por:


gecp
lung cancer
research

CONFLICTOS DE INTERÉS

- Consultant or Advisory Role: Astra Zeneca, Roche, BMS, Lilly, MSD, Takeda, Sanofi, Janssen
- Research Funding: Roche
- Speaking: Astra Zeneca, Roche, BMS, Lilly, MSD, Takeda, Sanofi, Janssen

Organizado por:



Las cifras del cáncer en España 2023

Estimación del número de nuevos casos de cáncer en hombres en España para el año 2023

TIPO TUMORAL	N
Cavidad oral y faringe	5.644
Esófago	1.899
Estómago	4.231
Colon	17.340
Recto	9.017
Hígado	5.164
Vesícula biliar	1.384
Páncreas	4.770
Laringe	2.983
Pulmón	22.266
Melanoma de piel	3.786
Próstata	29.002
Testículo	1.510
Riñón (sin pelvis)	5.924
Vejiga urinaria	17.731
Encéfalo y sistema nervioso	2.271
Tiroides	1.433
Linfoma de Hodgkin	844
Linfomas no hodgkinianos	5.491
Mieloma	1.757
Leucemias	3.430
Otros	10.669
Todos excepto piel no melanoma	158.544

Estimación del número de nuevos casos de cáncer en mujeres en España para el año 2023

TIPO TUMORAL	N
Cavidad oral y faringe	2.238
Esófago	403
Estómago	2.701
Colon	11.125
Recto	5.239
Hígado	1.531
Vesícula biliar	1.264
Páncreas	4.510
Laringe	395
Pulmón	9.016
Melanoma de piel	4.263
Mama	35.001
Cérvix uterino	2.326
Cuerpo uterino	7.171
Ovario	3.584
Riñón (sin pelvis)	2.702
Vejiga urinaria	3.963
Encéfalo y sistema nervioso	1.801
Tiroides	4.651
Linfoma de Hodgkin	696
Linfomas no hodgkinianos	4.452
Mieloma	1.325
Leucemias	2.981
Otros	7.377
Todos excepto piel no melanoma	120.715

Organizado por:

Radon gas & other lung cancer risk factors

Speaker: **Laura Mezquita, MD, PhD**



Medical Oncology Department, Hospital Clinic of Barcelona
Laboratory of Translational Genomics, IDIBAPS, Barcelona
Department of Medicine, University of Barcelona

IDIBAPS

UNIVERSITAT DE BARCELONA

Organisers

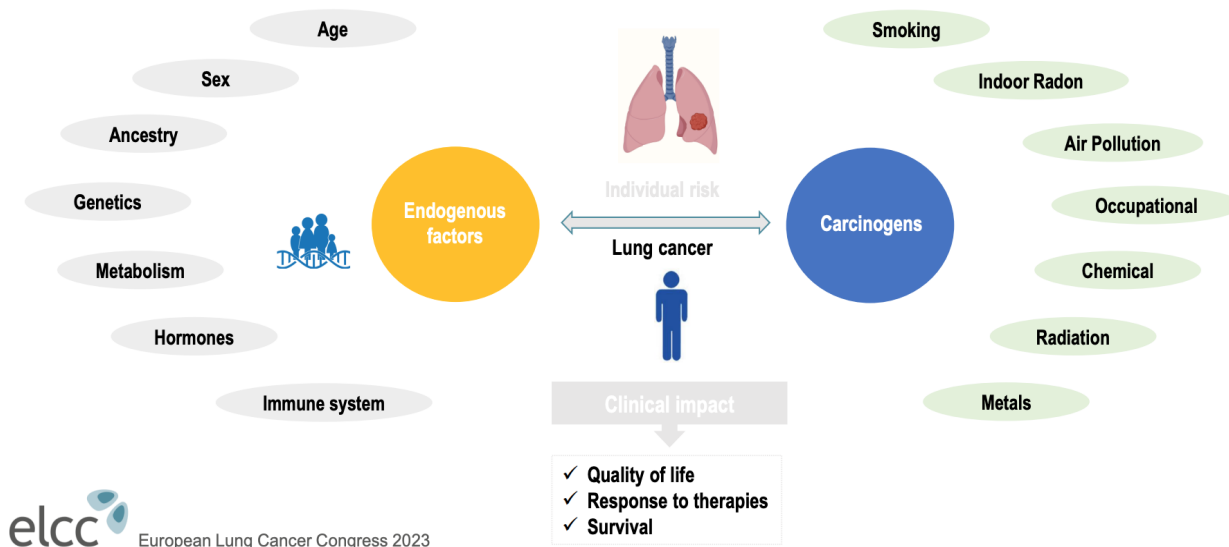


Partners



Lung Cancer Exposome

Generation of knowledge



Lung cancer development in one patient

<p>PREDISPOSITION</p> <p>Risk associated with <u>genetics</u> +/- others factors</p> <p>SCAN study</p>	<p>CO-CARCINOGENS</p> <p>SYNERGISM</p> <p>Smoker + Radon → (Sub)multiplicative</p> <p>MIRROR study</p>	<p>EXPOSOME</p> <p>Impact of the <u>EXPOSOME</u> in patients with lung cancer</p> <p>EXPOSOME study</p>	<p>OTHER TUMORS</p> <p><u>Association</u> with other <u>tumors</u> (leukemia, brain, kidney, stomach, etc.)</p> <p>RADON CLINIC study</p>
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Group 1 carcinogens

- Smoking
- Indoor radon
- Air pollution
- Occupational factors
- Diesel
- Asbestos
- Metals
- Chemical substances
- Radiation
- Genetics

REALITY = misperception

TOBACCO Stigma minimizes the others

Group 1 carcinogens

- Air pollution
- Occupational Factors
- Risks
- Asbestos
- Metals
- Chemical Substances
- Radiation
- Genetics

<https://monographs.iarc.who.int/agents-classified-by-the-iarc/>

Radon gas & other lung cancer risk factors

Speaker: **Laura Mezquita, MD, PhD**



Medical Oncology Department, Hospital Clinic of Barcelona
Laboratory of Translational Genomics, IDIBAPS, Barcelona
Department of Medicine, University of Barcelona

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nature

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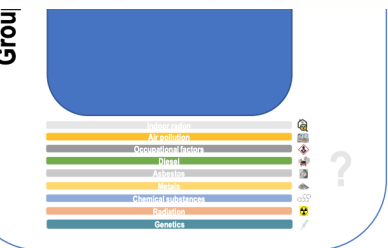
nature > articles > article

Article | Published: 05 April 2023

Lung adenocarcinoma promotion by air pollutants

William Hill, Emilia L. Lim, Clare E. Weeden, Claudia Lee, Marcellus Augustine, Kezhong Chen, Feng-Che Kuan, Fabio Marongiu, Edward J. Evans Jr, David A. Moore, Felipe S. Rodrigues, Oriol Pich, Bjorn Bakker, Hongui Cha, Renelle Myers, Febe van Maldegem, Jesse Boumelha, Selvaraju Veeriah, Andrew Rowan, Cristina Naceur-Lombardelli, Takahiro Karasaki, Monica Sivakumar, Swapnanil De, Deborah R. Caswell, TRACERx Consortium, ... Charles Swanton + Show authors

Nature 616, 159–167 (2023) | Cite this article



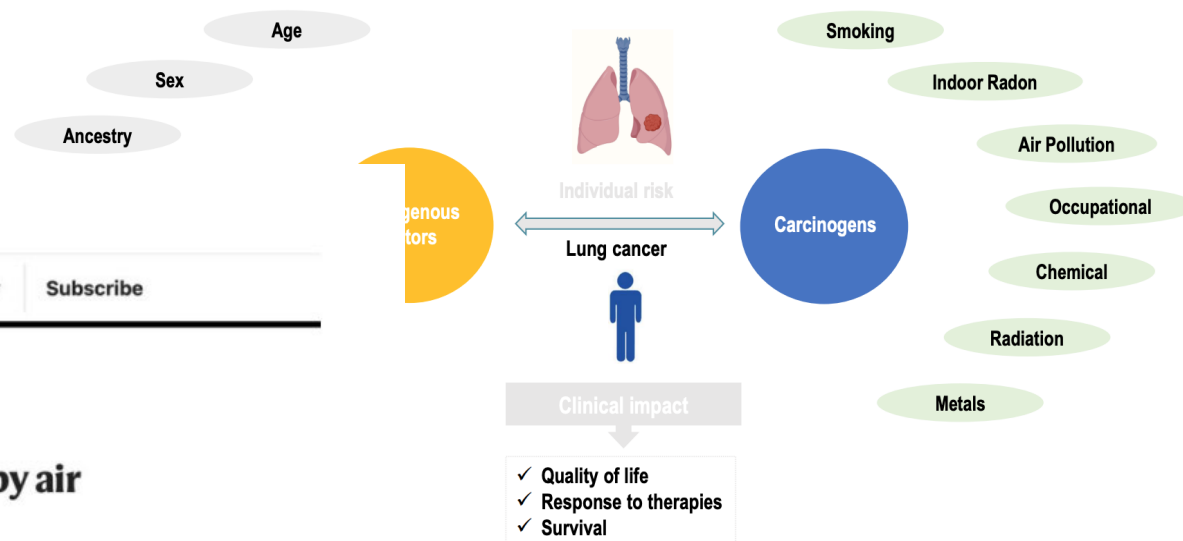
REAL misper



TOBACCO Stigma minimizes the others

Lung Cancer Exposome

Generation of knowledge



Cancer development in one patient

NOGENS



SYNERGISM

Smoker + Radon
→ (Sub)multiplicative

MIRROR study

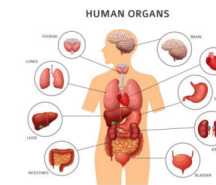
EXPOSOME



Impact of the EXPOSOME in patients with lung cancer

EXPOSOME study

OTHER TUMORS



Association with other tumors (leukemia, brain, kidney, stomach, etc.)

RADON CLINIC study

Group 1 carcinogens

- Smoking
- Indoor radon
- Air pollution
- Occupational factors
- Diesel
- Asbestos
- Metals
- Chemical substances
- Radiation
- Genetics



Novedades & Claves en CÁNCER de PULMÓN 2023

Añade esta fecha
a tu calendario



16 Enero 2024
16:00h-18:00h

FORMATO **VIRTUAL**

Programa científico

- 16:00 - 16:20 **Introducción**
Dra. Reyes Bernabé
Hospital Univ. Virgen del Rocío, Sevilla
- 16:20 - 16:40 **Biomarcadores pronósticos**
Dr. Airam Padilla
Hospital Regional Univ. de Málaga
- 16:40 - 17:00 **Estadios iniciales y enfermedad localmente avanzada**
Dra. Ana Collazo
Hospital Univ. Puerta de Hierro, Majadahonda, Madrid
- 17:00 - 17:20 **Enfermedad metastática (incluyendo inmunoterapia)**
Dr. Marc Cucurull
ICO, Hospital Univ. Germans Trias i Pujol, Badalona, Barcelona
- 17:20 - 17:40 **Cáncer de pulmón microcítico y otros tumores**
Dr. Manuel Cobo
Hospital Regional Univ. de Málaga
- 17:40 - 18:00 **Conclusiones**
Dr. Bartomeu Massutí
Hospital General Univ. Dr. Balmis, Alicante

Organizado por:

INTRODUCCIÓN: PROPUESTA CAMBIO TNM 9ºed

Proposed 9 th Edition N-categories		9 th Edition
NX	Regional lymph nodes cannot be assessed	No changes
N0	No regional lymph node metastasis	No changes
N1	Metastasis in ipsilateral peribronchial and/or ipsilateral hilar lymph nodes and intrapulmonary nodes, including involvement by direct extension	No changes
N2	Metastasis in ipsilateral mediastinal and/or subcarinal lymph node(s)	
	N2a Single N2 station involvement	Subdivided
	N2b Multiple N2 station involvement	Subdivided
N3	Metastasis in contralateral mediastinal, contralateral hilar, ipsilateral or contralateral scalene, or supraclavicular lymph node(s)	No changes
Proposed 9 th Edition M-categories		9 th Edition
M0	No distant metastasis	No changes
M1	Distant metastasis	No changes
	M1a Separate tumor nodule(s) in a contralateral lobe; tumor with pleural nodules or malignant pleural or pericardial effusion. Most pleural (pericardial) effusions with lung cancer are due to tumor. In a few patients, however, multiple microscopic examinations of pleural (pericardial) fluid are negative for tumor, and the fluid is non-bloody and is not an exudate. Where these elements and clinical judgment dictate that the effusion is not related to the tumor, the effusion should be excluded as a staging descriptor.	No changes
	M1b Single extrathoracic metastasis in a single organ and involvement of a single distant (non-regional) node	No changes
	M1c1 Multiple extrathoracic metastases in a single organ system	Subdivided
	M1c2 Multiple extrathoracic metastases in multiple organ systems	Subdivided

8 th Ed Categories					Proposed 9 th Ed TNM Categories						
T/M	Label	N0	N1	N2	N3	T/M	Label	N0	N1	N2	N3
						9 th					
T1	T1a	IA1	IIB	IIIA	IIIB	T1	T1a ≤1 cm	IA1	IIB	IIIA	IIIB
	T1b	IA2	IIB	IIIA	IIIB		T1b >1 to ≤2 cm	IA2	IIB	IIIA	IIIB
	T1c	IA3	IIB	IIIA	IIIB		T1c >2 to ≤3 cm	IA3	IIB	IIIA	IIIB
T2	T2a	IB	IIB	IIIA	IIIB	T2	T2a	IB	IIB	IIIA	IIIB
	T2a >3-4	IB	IIB	IIIA	IIIB		T2a >3 to ≤4 cm	IB	IIB	IIIA	IIIB
	T2b >4-5	IIA	IIB	IIIA	IIIB		T2b >4 to ≤5 cm	IIA	IIB	IIIA	IIIB
T3	T3 >5-7	IIB	IIIA	IIIB	IIIC	T3	T3 >5 to ≤7 cm	IIB	IIIA	IIIB	IIIC
	T3 Inv	IIB	IIIA	IIIB	IIIC		T3 Invasion	IIB	IIIA	IIIB	IIIC
	T3 Sat	IIB	IIIA	IIIB	IIIC		T3 Satellite nodules	IIB	IIIA	IIIB	IIIC
T4	T4 >7	IIIA	IIIA	IIIB	IIIC	T4	T4 >7 cm	IIIA	IIIA	IIIB	IIIC
	T4 Inv	IIIA	IIIA	IIIB	IIIC		T4 Invasion	IIIA	IIIA	IIIB	IIIC
	T4 Ipsi Nod	IIIA	IIIA	IIIB	IIIC		T4 Ipsilateral nodules	IIIA	IIIA	IIIB	IIIC
M1	M1a Contr Nod	IVA	IVA	IVA	IVA	M1	M1a Contralateral nodules	IVA	IVA	IVA	IVA
	M1a Pleur	IVA	IVA	IVA	IVA		M1a Pleural, pericardial effusion	IVA	IVA	IVA	IVA
	M1b Single Lesion	IVA	IVA	IVA	IVA		M1b Single Extrathoracic Lesion	IVA	IVA	IVA	IVA
	M1c Multiple Lesions	IVB	IVB	IVB	IVB		M1c1 Mult. Lesions, Single Organ system	IVB	IVB	IVB	IVB
						M1c2 Mult. Lesions, Mult. Organ systems	IVB	IVB	IVB	IVB	

INTRODUCCIÓN

SEAP-SEOM Guidelines On Testing Predictive Biomarkers In Non-small-cell Lung Cancer

Clinical Translational Oncology
<https://doi.org/10.1007/s12094-023-03103-x>

SPECIAL ARTICLE



New update to the guidelines on testing predictive biomarkers in non-small-cell lung cancer: a National Consensus of the Spanish Society of Pathology and the Spanish Society of Medical Oncology

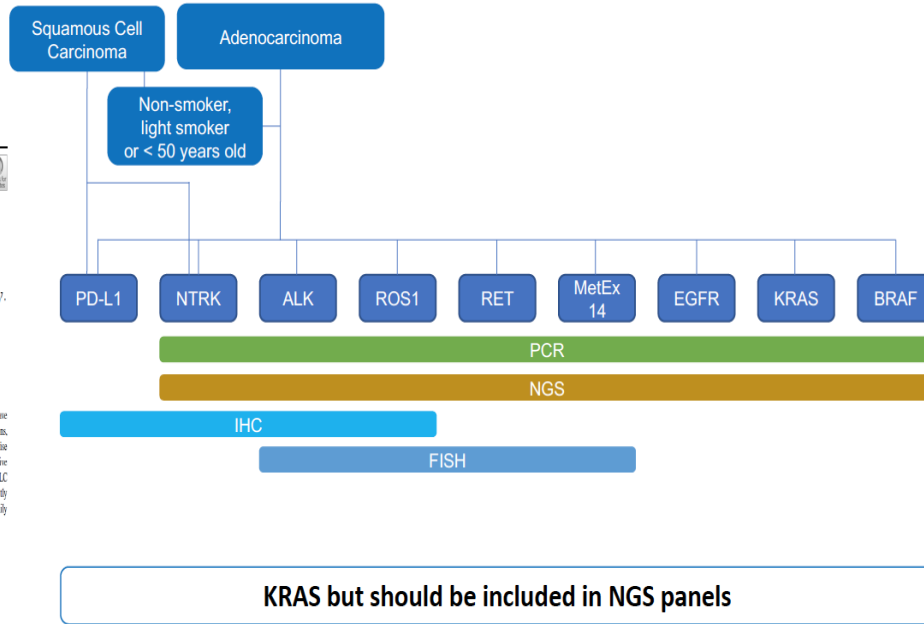
Dolores Isla^a, María D. Lozano^b, Luis Paz-Ares^c, Clara Salas^d, Javier de Castro^e, Esther Conde^f, Enriqueta Felip^g, Javier Gómez-Román^h, Pilar Garridoⁱ, Ana Belén Enguita^{j,*}

Received: 2 November 2022 | Accepted: 7 December 2022
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Abstract

Non-small cell lung cancer (NSCLC) presents the greatest number of identified therapeutic targets, some of which have therapeutic utility. Currently, detecting EGFR, BRAF, KRAS and MET mutations, ALK, ROS1, NTRK and RET translocations, and PD-L1 expression in these patients is considered essential. The use of next-generation sequencing facilitates precise molecular diagnosis and allows the detection of other emerging mutations, such as the HR23 mutation and predictive biomarkers for immunotherapy response. In this consensus, a group of experts in the diagnosis and treatment of NSCLC selected by the Spanish Society of Pathology and the Spanish Society of Medical Oncology have evaluated currently available information and propose a series of recommendations to optimize the detection and use of biomarkers in daily clinical practice.

Keywords ALK · Biomarkers · BRAF · EGFR · Non-small cell lung cancer · PD-L1 · ROS1



ALK anaplastic lymphoma kinase, BRAF B-Raf proto-oncogene, EGFR epidermal growth factor receptor, FISH fluorescence in situ hybridisation, IHC immunohistochemistry, KRAS Kirsten rat sarcoma virus, MetEx 14 mesenchymal epithelial transition factor exon 14, NGS next-generation sequencing, NSCLC non-small cell lung cancer, NTRK neurotrophic tyrosine receptor kinase, PCR polymerase chain reaction, PD-L1 programmed death ligand-1, ROS1 c-ros oncogene 1, RET rearranged during transfection

Isla D, et al. Clin Transl Oncol. 2023;10.1007/s12094-023-03103-x.

Nueva actualización de las recomendaciones para la determinación de biomarcadores predictivos en el carcinoma de pulmón no célula pequeña: Consenso Nacional de la Sociedad Española de Anatomía Patológica y de la Sociedad Española de Oncología Médica[☆]



Dolores Isla^a, María D. Lozano^b, Luis Paz-Ares^c, Clara Salas^d, Javier de Castro^e, Esther Conde^f, Enriqueta Felip^g, Javier Gómez-Román^h, Pilar Garridoⁱ y Ana Belén Enguita^{j,*}

Revista Española de Patología 56 (2023) 97-112

Tabla 1 Biomarcadores esenciales en pacientes con CPNCP

Gen/proteína	Alteración predictiva	Metodología
EGFR	Mutación	PCR: secuenciación de sanger, PCR en tiempo real y NGS
ALK	Reordenamiento	IHQ, FISH, PCR en tiempo real y NGS
ROS1	Reordenamiento	IHQ (cribado), FISH, PCR en tiempo real y NGS
BRAF V600	Mutación	PCR en tiempo real y NGS
PD-L1	Sobreexpresión	IHQ
NTRK	Reordenamiento	IHQ (cribado), PCR en tiempo real y NGS
RET	Reordenamiento	FISH, PCR en tiempo real y NGS
KRAS	Mutación	PCR: secuenciación de sanger, PCR en tiempo real y NGS
MET	Mutación	NGS
	Amplificación	FISH, PCR en tiempo real y NGS

ALK: *anaplastic lymphoma kinase*; BRAF: *B-Raf proto-oncogene*; CPNCP: carcinoma de pulmón de células no pequeñas; EGFR: *epidermal growth factor receptor*; FISH: hibridación fluorescente *in situ*; IHQ: inmunohistoquímica; KRAS: *kirsten rat sarcoma virus*; MET: *mesenchymal epithelial transition factor*; NGS: *next-generation sequencing*; NTRK: *neurotrophic tyrosine receptor kinase*; PCR: *polymerase chain reaction*; PD-L1: *programmed death ligand-1*; RET: *rearranged during transfection*; ROS1: *c-ros oncogene 1*.

Tabla 2 Otros biomarcadores de interés en pacientes con CPNCP

Gen/proteína	Alteración predictiva	Metodología
HER2	Mutación	NGS
	Amplificación	FISH, PCR en tiempo real, NGS
TMB	Mutaciones	NGS
STK11	Mutación	NGS
KEAP1	Mutación	NGS
MSI	Patrón de hipermutación	IHQ, PCR, NGS

FISH: hibridación fluorescente *in situ*; HER2: *human epidermal growth factor receptor 2*; IHQ: inmunohistoquímica; KEAP1: *Kelch-like ECH-associated protein 1*; MSI: *microsatellite instability-high*; NGS: *next-generation sequencing*; PCR: *polymerase chain reaction*; STK11: *serine/threonine kinase 11*; TMB: *tumour mutation burden*.

Organizado por:

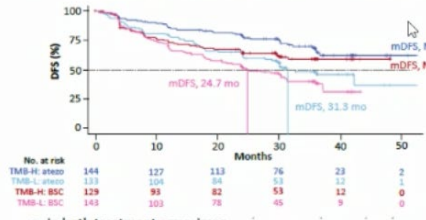


INTRODUCCIÓN

IMpower010

DFS by TMB status in the stage II-IIIa TMB-evaluable population

- Baseline characteristics of the stage II-IIIa TMB-evaluable population (n=549) were similar between treatment arms and consistent with those of the stage II-IIIa population¹ (not shown)



TMB-H vs TMB-L	DFS HR (95% CI)
TMB-H: atezo vs TMB-L: atezo	0.52 (0.36, 0.78)
TMB-H: BSC vs TMB-L: BSC	0.62 (0.44, 0.89)

Atezolizumab vs BSC	DFS HR (95% CI)
TMB-H: atezo vs TMB-H: BSC	0.67 (0.44, 1.01)
TMB-L: atezo vs TMB-L: BSC	0.76 (0.54, 1.05)

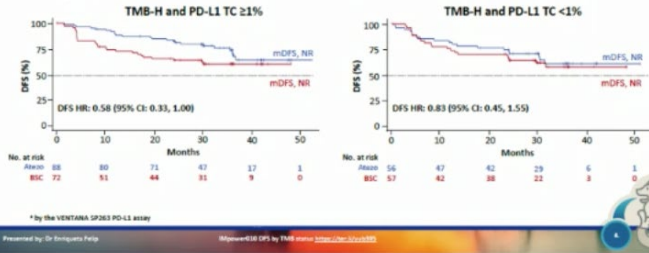
- In both treatment arms, impr
- DFS improvement with atezo

HR, hazard ratio; mDFS, median disease-free survival (mDFS) were defined as TMB levels above or below

Presented by: Dr. Enriquez Felip

DFS by PD-L1 status^a in the stage II-IIIa TMB-H subgroup

- 53% of patients in the PD-L1-positive subgroup and 45% of patients in the PD-L1-negative subgroup were TMB-H
- DFS improvement with atezolizumab was greater in the PD-L1-positive than in the PD-L1-negative subgroup



^a By the VENTANA SP35 PD-L1 assay

Presented by: Dr. Enriquez Felip

IMpower010 DFS by TMB status: <https://doi.org/10.1200/JCO.2020.38.15.15>

Felip et al. WCLC 2023

Mutation profile

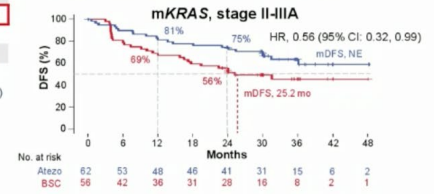
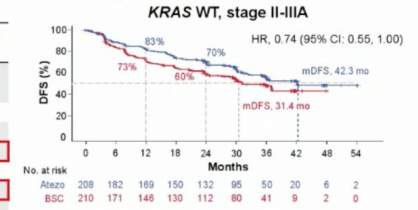
IMpower010

Baseline characteristics and DFS by KRAS status

Baseline Characteristics	ITT (n=1005)	WES-BEP (n=603)	KRAS WT (n=475)	mKRAS (n=128)
Median age, y (range)	62 (26-84)	62 (26-82)	62 (26-82)	63 (40-81)
Male, n (%)	672 (67)	414 (69)	328 (69)	86 (67)
Asian, n (%)	242 (24)	144 (24)	125 (26)	19 (15)
White, n (%)	738 (73)	446 (74)	339 (71)	107 (84)
ECOG PS 0, n (%)	601 (60)	382 (63)	299 (63)	83 (65)
Non-squamous, n (%)	659 (66)	399 (66)	278 (59)	121 (95)
Squamous, n (%)	346 (34)	204 (34)	197 (41)	7 (5)
Current/previous smoker, n (%)	783 (78)	480 (80)	364 (77)	116 (91)
Never smoked, n (%)	222 (22)	123 (20)	111 (23)	12 (9)
MRD (ctDNA) positivity, n (%)	118 (20)	117 (20)	91 (19)	26 (20)
Median CRP, mg/L (range)	2.69 (0.2-166)	2.32 (0.2-166)	2.51 (0.2-166)	1.75 (0.2-48.9)

- In the stage II-IIIa WES-BEP (n=536), improved DFS was seen with atezolizumab vs BSC for KRAS WT and mKRAS subgroups

2023 ASCO ANNUAL MEETING #ASCO23 PRESENTED BY: Martin Reck, MD, PhD IMpower010 DFS by KRAS status



ASCO AMERICAN SOCIETY OF CLINICAL ONCOLOGY KNOWLEDGE CONQUERS CANCER

Reck et al. ASCO 2023

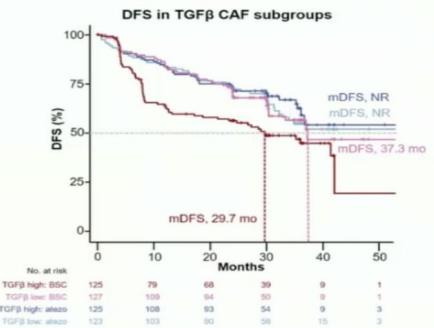
Inflammation signatures

IMpower-010

High TGFβ CAF was associated with poor DFS in the BSC arm, which was improved with atezolizumab

- Patients in the RNA-seq BEP were grouped into TGFβ CAF-low (<median; n=250) or -high (≥median; n=250) gene signature expression subgroups
- In the BSC arm, high TGFβ CAF was associated with reduced DFS compared with low TGFβ CAF
- In the atezolizumab arm, DFS was similar for the TGFβ CAF-high and -low subgroups
- In the TGFβ CAF-high subgroup, treatment with atezolizumab improved DFS to similar levels to those seen in the TGFβ CAF-low subgroups

	DFS HR (95% CI)
TGFβ CAF high: BSC vs TGFβ CAF low: BSC	1.61 (1.11, 2.35)
TGFβ CAF high: atezo vs TGFβ CAF low: atezo	0.90 (0.59, 1.37)
TGFβ CAF high: atezo vs TGFβ CAF high: BSC	0.54 (0.37, 0.80)
TGFβ CAF low: atezo vs TGFβ CAF low: BSC	0.94 (0.63, 1.41)



Altorki et al. IMpower010 RNA-seq. <https://doi.org/10.1200/JCO.2023.41.15.15>

Altorki et al. ESMO 2023

ORIGINAL ARTICLE

Perioperative Nivolumab and Chemotherapy in Stage III Non–Small-Cell Lung Cancer

M. Provencio, E. Nadal, J.L. González-Larriba, A. Martínez-Martí, R. Bernabé, J. Bosch-Barrera, J. Casal-Rubio, V. Calvo, A. Insa, S. Ponce, N. Reguart, J. de Castro, J. Mosquera, M. Cobo, A. Aguilar, G. López Vivanco, C. Camps, R. López-Castro, T. Morán, I. Barneto, D. Rodríguez-Abreu, R. Serna-Blasco, R. Benítez, C. Aguado de la Rosa, R. Palmero, F. Hernando-Trancho, J. Martín-López, A. Cruz-Bermúdez, B. Massuti, and A. Romero

IMPORTANCIA ctDNA en SLP y SG

SUPPLEMENTARY FIGURES

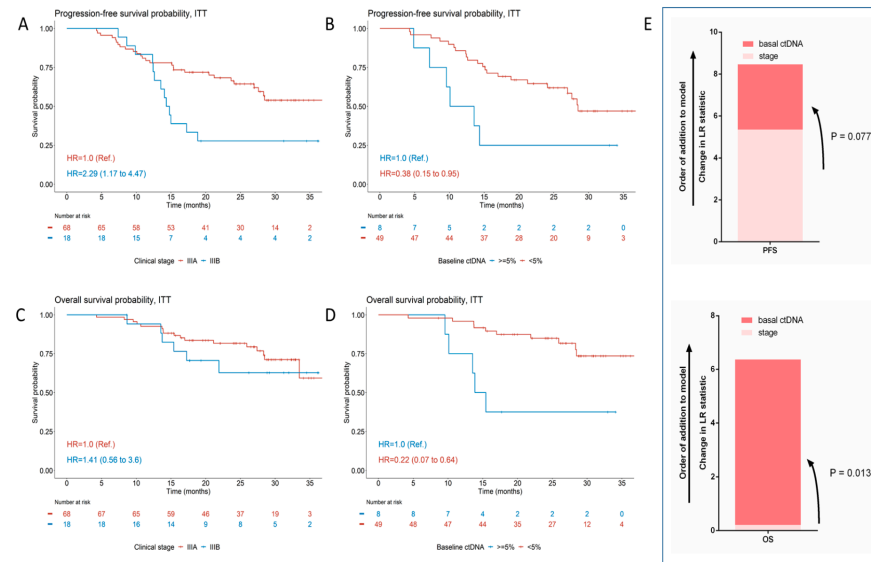
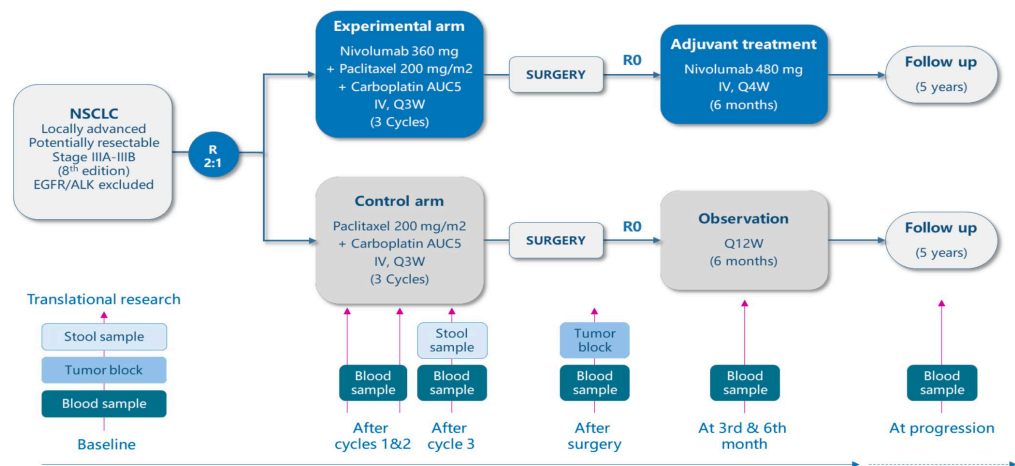


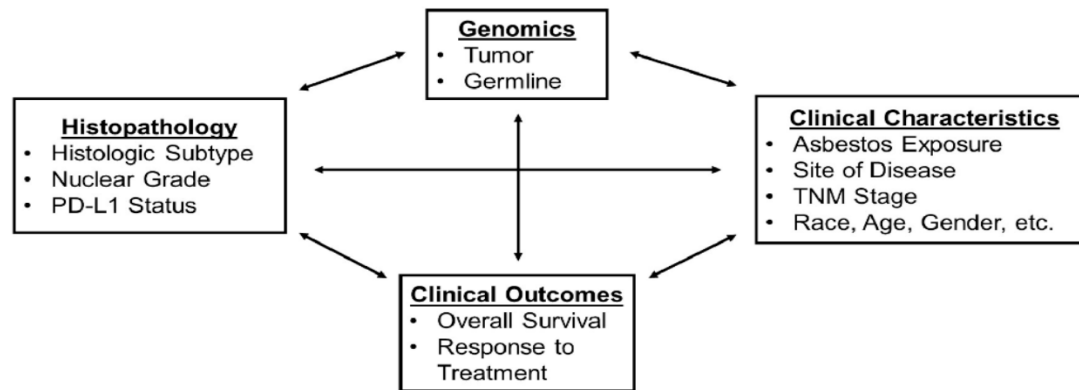
Figure S11. Kaplan-Meier curves for progression-free survival (PFS) according to clinical stage (A) and baseline ctDNA levels using a cutoff of 5% mutant allele fraction (MAF) (B). Kaplan-Meier curves for overall survival (OS) according to clinical stage (C) and baseline ctDNA levels using a cutoff of 5% MAF (D). Using a cutoff of <5% MAF, patients with low ctDNA levels at baseline had significantly improved PFS and OS than patients with high ctDNA levels (hazard ratio [HR]: 0.38; 95% CI 0.15–0.95 and HR: 0.22; 95% CI 0.07–0.64, for PFS and OS, respectively). (E) PFS (upper) and OS (lower) likelihood ratio statistic of tumor response assessed by clinical stage. The model was first conditioned for clinical stage, and then the significance of the ctDNA was added.

INTRODUCCIÓN: BIOMARCADORES PRONÓSTICOS

#8507: Association of somatic mutations and histologic subtype/grade on prognosis and PD-L1 expression in mesothelioma

Allen Zhu, Aliya N. Husain, Andrew Hermina, Owen Mitchell, Jeffrey S. Mueller, Michael William Drazer, Hedy L. Kindler, Jung Woo Kwon

Objectives: Identify how features in histopathology and genetics correlate with one another and with clinical outcomes



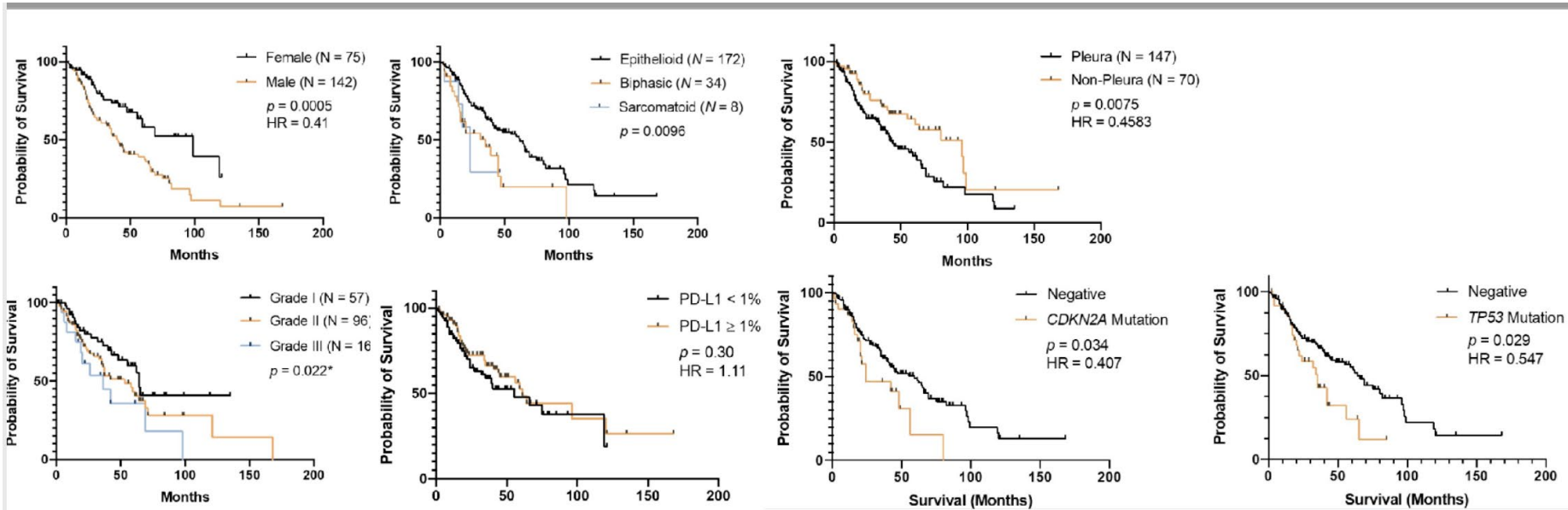
Characteristic		N (%)
Age at Diagnosis (years)	Median (range)	66 (16-89)
Gender	Male	142 (65)
	Female	75 (35)
Race	White, non-Hispanic	205 (95)
	White, Hispanic	5 (2)
	Black	4 (2)
	Asian	3 (1)
Self-reported asbestos exposure	Definite	83 (39)
	Probable	56 (26)
	Possible	64 (30)
Personal cancer history	No known exposure	13 (6)
	Present	54 (26)
Family cancer history	Present	151 (70)

Characteristic	Categories	N = 217 (%)
Site of Disease	Pleural	147 (68)
	Peritoneal	63 (29)
	Bicavitary	4 (2)
Germline Mutation	Tunica vaginalis testis	3 (1)
	Present	34 (16)
Status at Follow-up	Alive	111 (51)
	Deceased	106 (49)

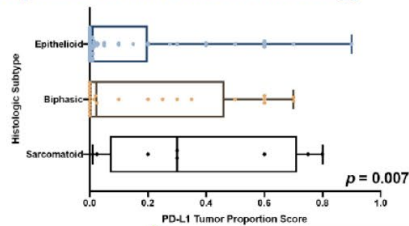
Characteristic	Categories	N (%)
Histologic Subtype N = 217	Epithelioid	172 (79)
	Sarcomatoid	8 (4)
	Biphasic	33 (15)
	Other	4 (2)
Nuclear Grade N = 166	I	55 (33)
	II	96 (58)
	III	15 (9)
Tumor Stage* N = 50	pT1	12 (24)
	pT2	12 (24)
	pT3	18 (36)
	pT4	8 (16)
Lymph Node Stage* N = 50	pN0	32 (64)
	pN1	18 (36)

*staged only in resected tumors

INTRODUCCIÓN: BIOMARCADORES PRONÓSTICOS



Epithelioid histology has lower PD-L1 expression than biphasic or sarcomatoid histology



In epithelioid mesothelioma, PD-L1 expression is not associated with nuclear grade

	Nuclear Grade – N (%)			p -value
	I	II	III	
PD-L1 < 1%	24 (47)	43 (50)	4 (36)	0.69
PD-L1 \geq 1%	27 (53)	43 (50)	7 (64)	

PD-L1 expression is not associated with common somatic mutations

	N (%)		p -value
	PD-L1 (+)	PD-L1 (-)	
<i>BAP1</i>	40 (48.8)	38 (37.3)	0.13
<i>TP53</i>	15 (18.3)	15 (14.7)	0.51
<i>NF2</i>	14 (17.1)	26 (25.5)	0.17
<i>CDKN2A</i>	14 (17.1)	12 (11.8)	0.31
<i>TERT</i>	6 (7.3)	11 (10.8)	0.42



- Epithelioid histology, TP53 somatic mutation and gender are the strongest predictors of survival
- Nuclear grade is useful for prognosis but somatic mutations should be taken into consideration

#8507: Association of somatic mutations and histologic subtype/grade on prognosis and PD-L1 expression in mesothelioma

Organizado por:

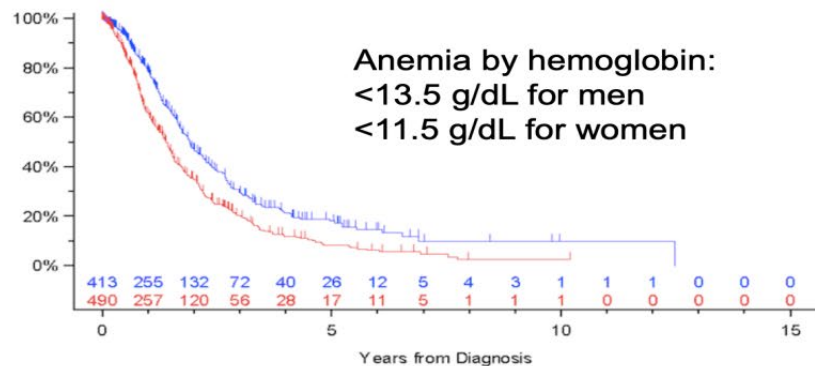


The IASLC Pleural Mesothelioma Staging Project: Updated Modeling of Prognostic Factors in Pleural Mesothelioma

Andrea S. Wolf, MD, MPH
 New York Mesothelioma Program
 The Icahn School of Medicine at Mount Sinai
 United States of America

Results: Univariate analysis overall survival

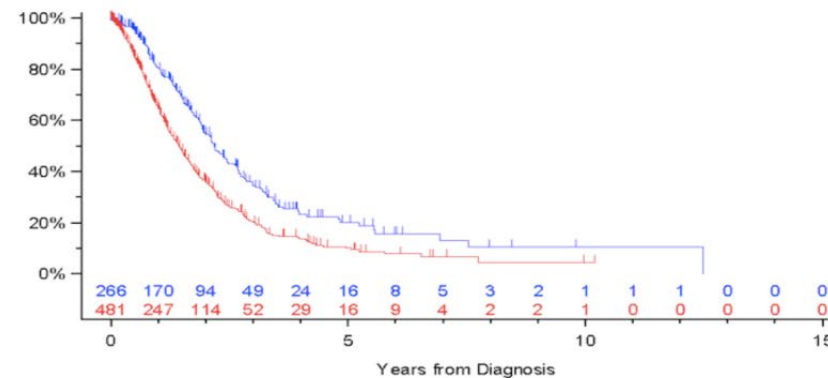
Overall Survival by Anemia



	Deaths / N	Median in Years	3-Year Estimate
No Anemia	247 / 413	1.9 (1.7, 2.2)	30% (24, 35)
Anemia	358 / 490	1.4 (1.2, 1.5)	20% (16, 24)

Log-rank p-value < .0001

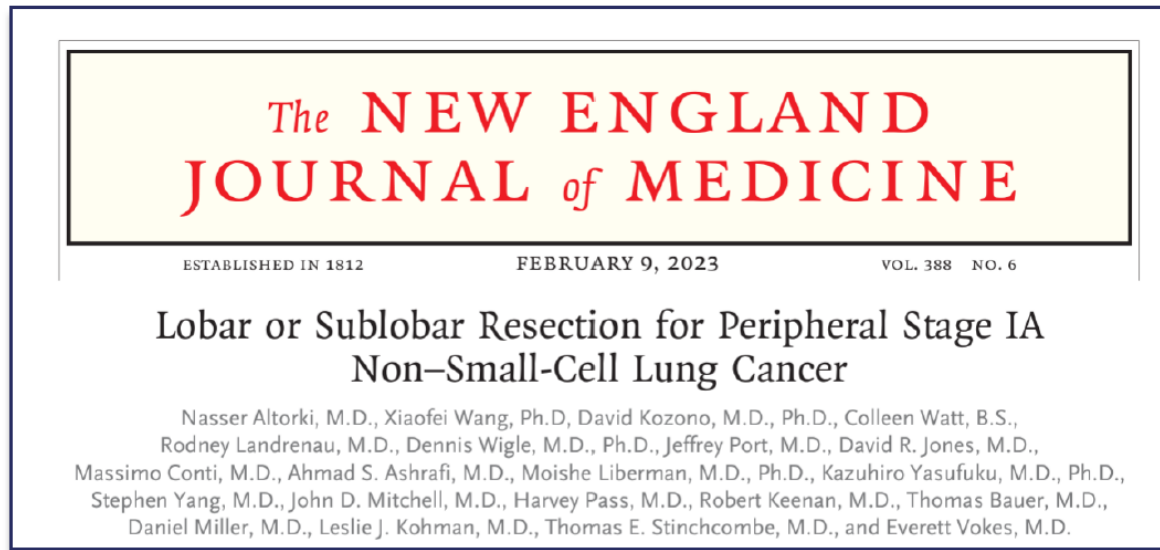
Overall Survival by Serum Mesothelin



	Deaths / N	Median in Years	3-Year Estimate
Serum Mesothelin < 6.7 nmol/L	149 / 266	2.2 (1.9, 2.6)	34% (27, 42)
Serum Mesothelin >= 6.7 nmol/L	319 / 481	1.4 (1.3, 1.6)	20% (16, 25)

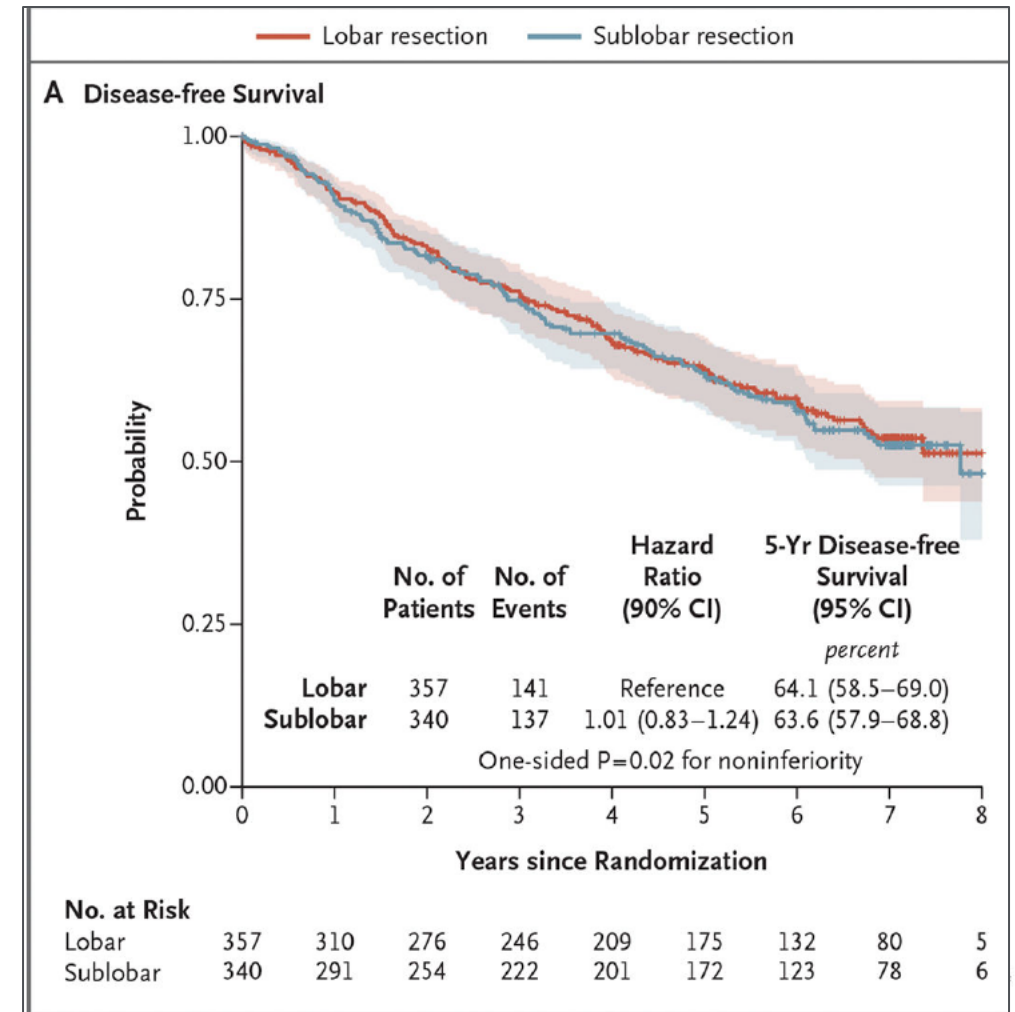
Log-rank p-value < .0001

INTRODUCCIÓN: ESTADIOS INICIALES Y LOCALMENTE AVANZADOS



Altorki N. N Engl J Med.2023

In patients with peripheral NSCLC with a tumor size of 2 cm or less and pathologically confirmed node-negative disease in the hilar and mediastinal lymph nodes, sublobar resection was not inferior to lobectomy with respect to disease-free survival. Overall survival was similar with the two procedures



INTRODUCCIÓN: ESTADIOS INICIALES Y LOCALMENTE AVANZADOS

ORIGINAL ARTICLE



Prospective Cohort Study to Compare Long-Term Lung Cancer-Specific and All-Cause Survival of Clinical Early Stage (T1a-b; ≤ 20 mm) NSCLC Treated by Stereotactic Body Radiation Therapy and Surgery

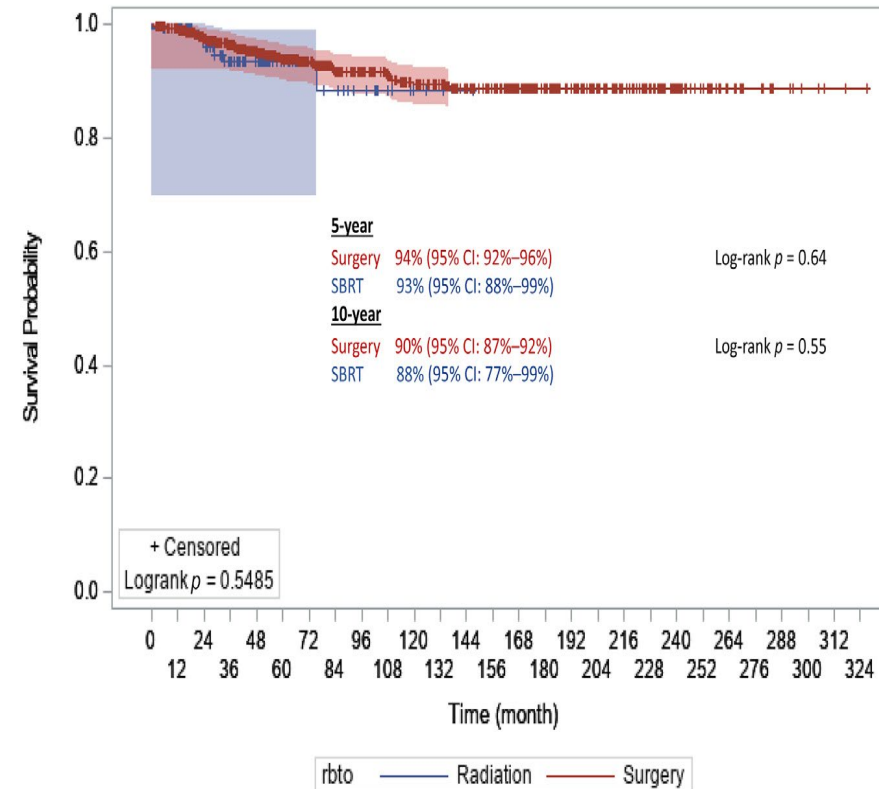
Claudia I. Henschke, PhD, MD,^{a,b,*} Rowena Yip, PhD, MPH,^a Qi Sun, MD,^{a,c} Pengfei Li, MD,^{a,c} Andrew Kaufman, MD,^d Robert Samstein, MD,^e Cliff Connery, MD,^f Leslie Kohman, MD,^g Paul Lee, MD,^h Henry Tannous, MD,ⁱ David F. Yankelevitz, MD,^a Emanuela Taioli, MD, PhD,^j Kenneth Rosenzweig, MD,^e Raja M. Flores, MD, MPH,^d; for the I-ELCAP and IELCART Investigators**

Henschke CI. J Thorac Oncol. 2023

First Primary NSCLC ≤ 20 mm (cT1a-1cN0M0) with surgery or SBRT
N = 1115

Surgery n = 1003 (716 solid, 287 subsolid)
SBRT n = 112 (88 solid, 24 subsolid)

Product-Limit Survival Estimates
With Number of Subjects at Risk and 95% Hall-Wellner Bands

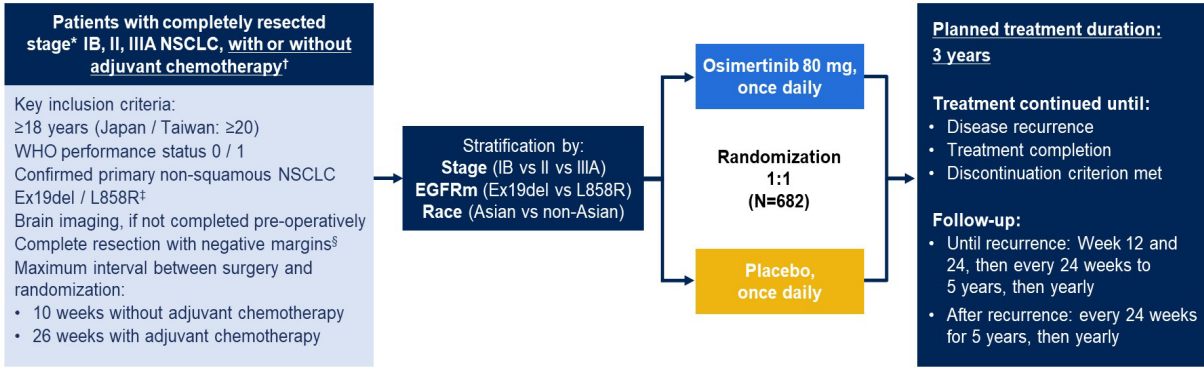


Radiation 112 108 87 70 57 35 18 16 12 7 3 2 1 0
Surgery 100 97 85 77 66 54 45 34 22 22 18 13 10 7 4 2 1

ADYUVANCIA: CAMBIOS EN EL ESTANDAR DE TRATAMIENTO

EGFR +

ADAURA Phase III study design

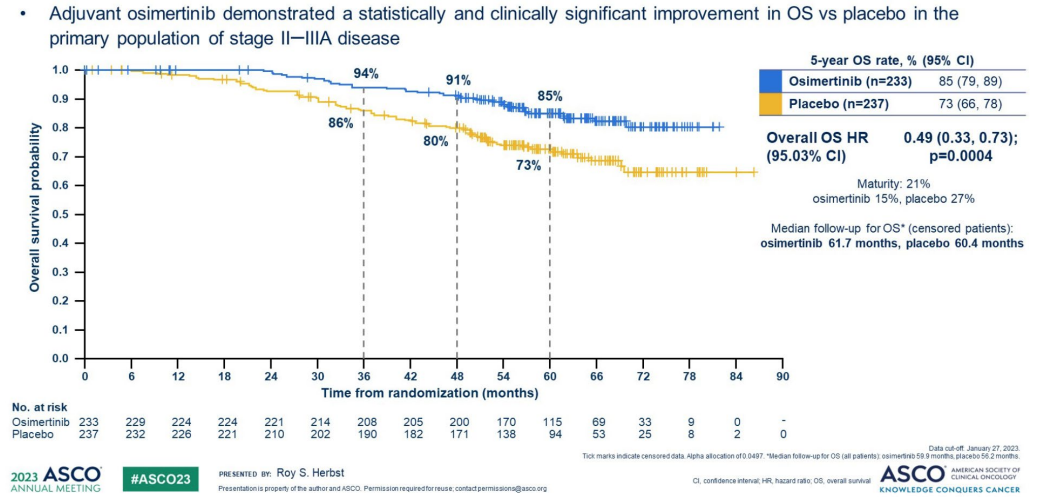


Endpoints

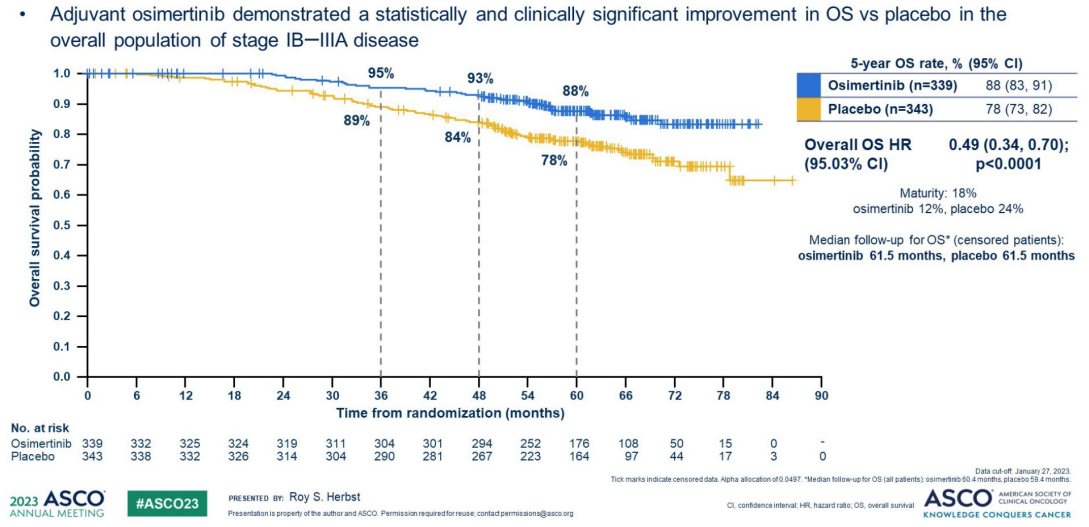
- Primary endpoint:** DFS by investigator assessment in stage II–IIIA patients
- Key secondary endpoints:** DFS in the overall population (stage IB–IIIA), landmark DFS rates, OS, safety, health-related quality of life

*At the time of recruitment, staging was determined by the AJCC / UICC Staging Manual 7th edition. Patients with stage IB disease were not eligible in Japan. †Pre-operative, post-operative, or planned radiotherapy was not allowed. ‡Centrally confirmed in tissue. ††Patients received a CT scan after randomization and within 28 days prior to treatment. ‡‡AJCC, American Joint Committee on Cancer; CT, computed tomography; DFS, disease-free survival; EGFRm, epidermal growth factor receptor-mutated; Ex19del, exon 19 deletion; NSCLC, non-small cell lung cancer; OS, overall survival; UICC, Union for International Cancer Control; WHO, World Health Organization.

Overall survival: patients with stage II / IIIA disease



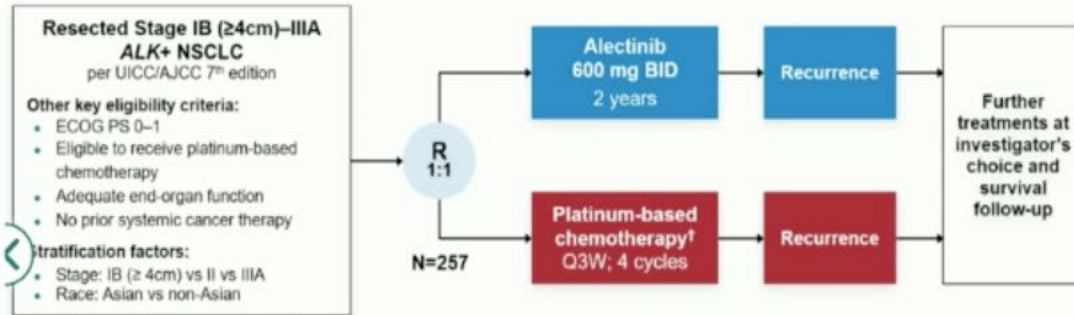
Overall survival: patients with stage IB / II / IIIA disease



ADYUVANCIA: CAMBIOS EN EL ESTANDAR DE TRATAMIENTO

ALINA

ALINA study design*



Primary endpoint

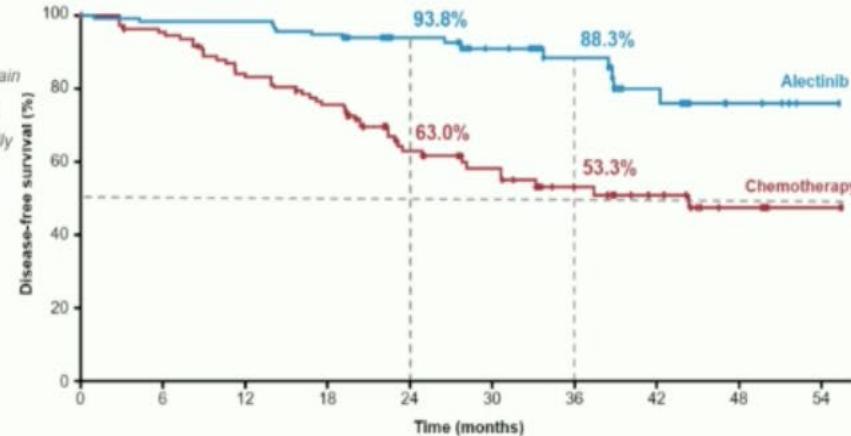
- DFS per investigator,² tested hierarchically:
 - Stage II–IIIA → ITT (Stage IB–IIIA)

Other endpoints

- CNS disease-free survival
- OS
- Safety

Disease assessments (including brain MRI)⁵ were conducted: at baseline, every 12 weeks for year 1–2, every 24 weeks for year 3–5, then annually

Disease-free survival: stage II–IIIA*



No. at risk

	0	6	12	18	24	30	36	42	48	54
Alectinib	116	111	111	107	67	49	35	21	10	3
Chemo	115	102	88	79	48	35	23	17	10	2

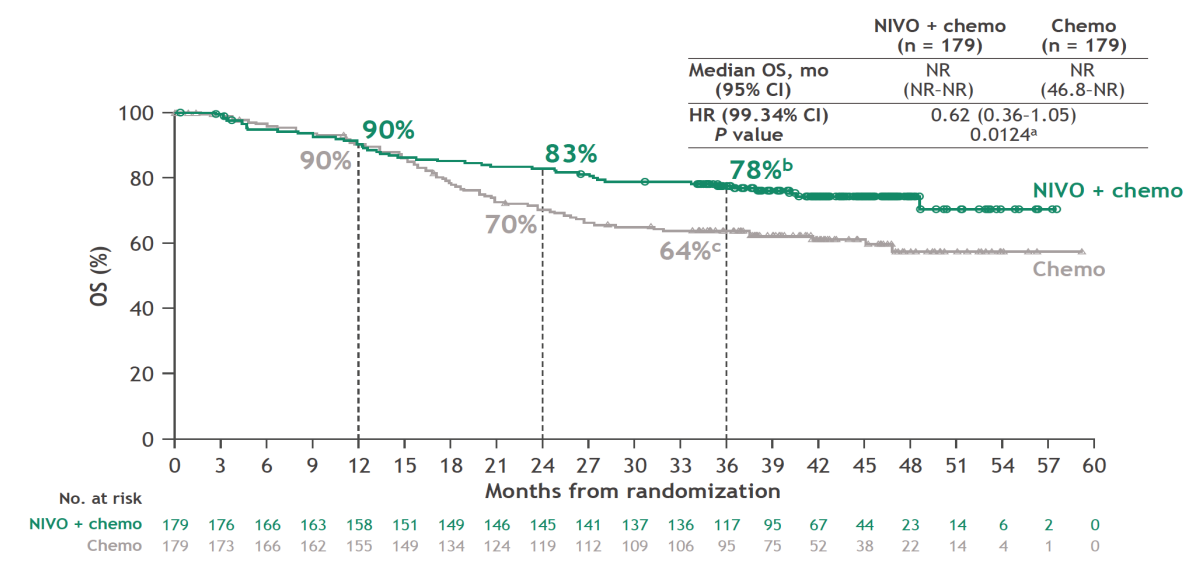
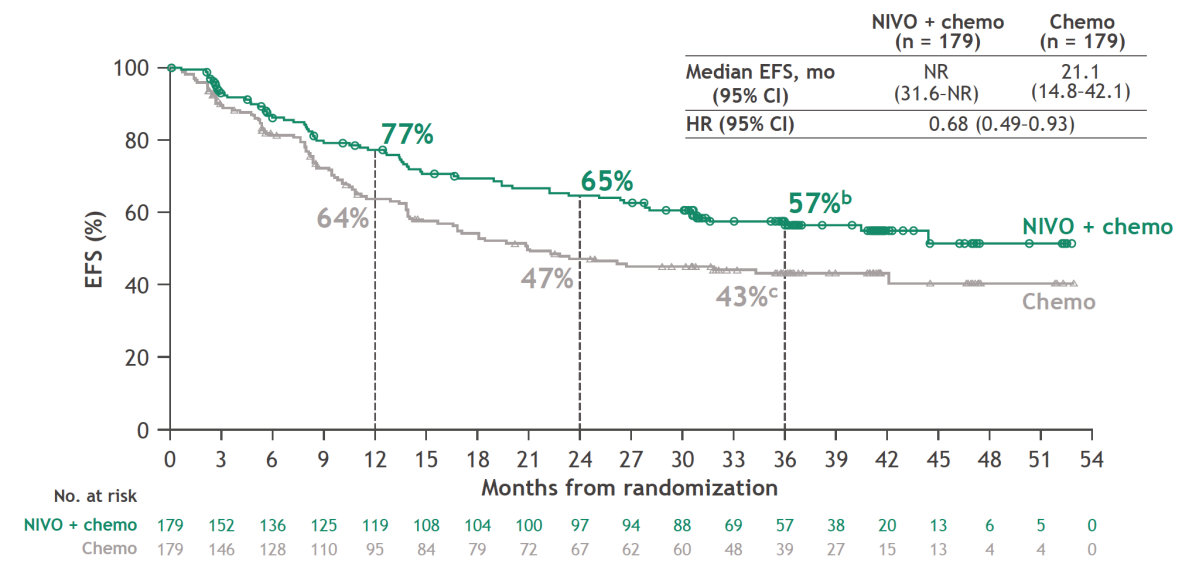
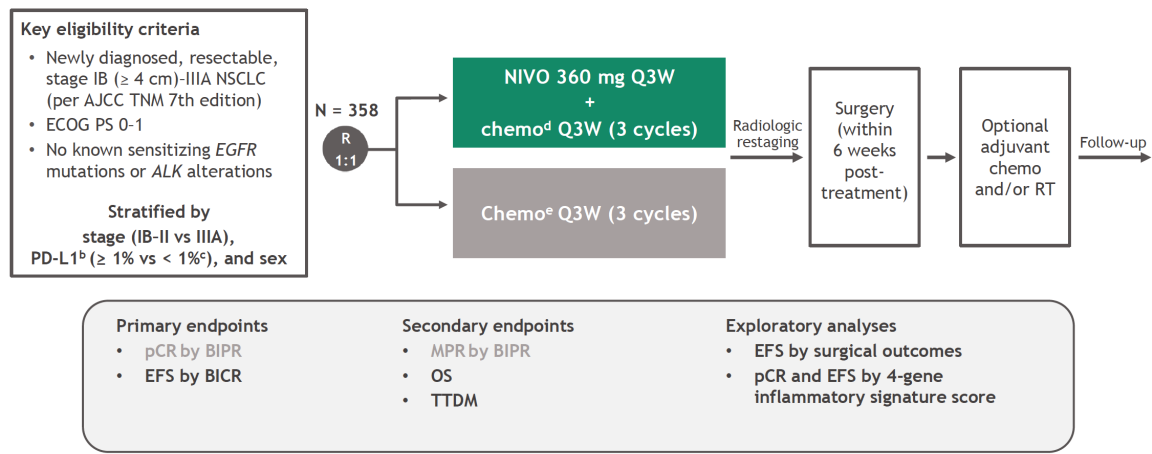
	Alectinib (N=116)	Chemotherapy (N=115)
Patients with event	14 (12%)	45 (39%)
Death	0	1
Recurrence	14	44
Median DFS, months (95% CI)	Not reached	44.4 (27.8, NE)
DFS HR (95% CI)	0.24 (0.13, 0.45) p [†] <0.0001	

Neoadjuvant nivolumab plus platinum-doublet chemotherapy for resectable NSCLC: 3-year update from CheckMate 816

Patrick M. Forde,¹ Jonathan Spicer,² Nicolas Girard,³ Mariano Provencio,⁴ Shun Lu,⁵

CheckMate 816: 3-y efficacy/safety update and biomarker analyses

CheckMate 816 study design^a



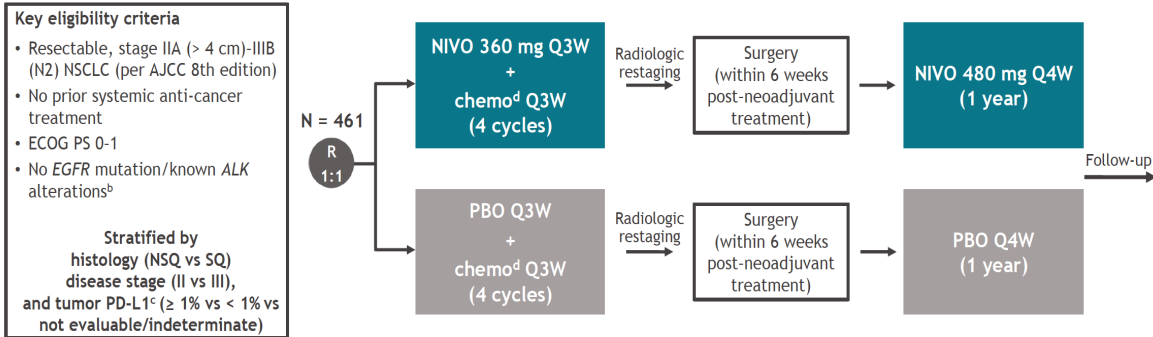
Minimum/median follow-up: 32.9/41.4 months.
^aSignificance boundary for OS was not crossed at this interim analysis. ^b<95% CIs for 3-year OS rates: ^b71-83; ^c56-70.

CheckMate 77T: Phase 3 study comparing neoadjuvant nivolumab plus chemotherapy with neoadjuvant placebo plus chemotherapy followed by surgery and adjuvant nivolumab or placebo for previously untreated, resectable stage II-IIIB NSCLC

Tina Cascone,¹ Mark M. Awad,² Jonathan Spicer,³ Jie He,⁴ Shun Lu,⁵ Boris Sepesi,¹ Fumihiro Tanaka,⁶

CheckMate 77T: perioperative NIVO in resectable NSCLC

CheckMate 77T^a study design

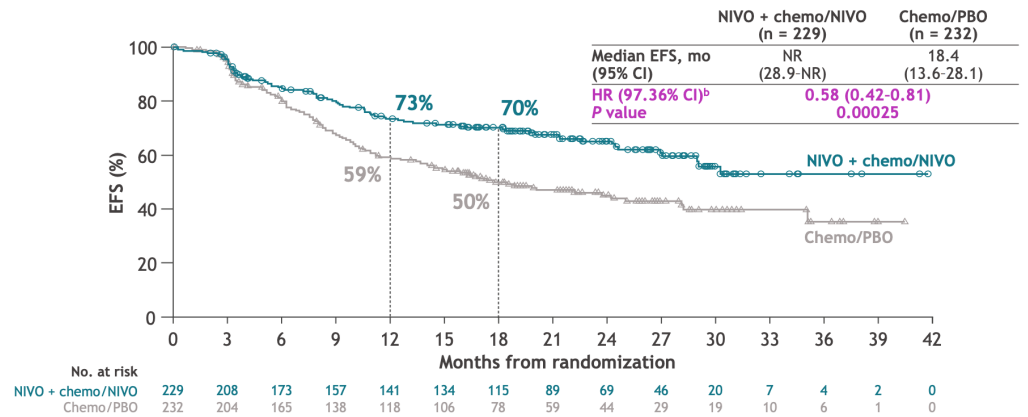


Follow-up, median (range): 25.4 (15.7-44.2) months

- | Primary endpoint | Secondary endpoints | Exploratory analyses |
|------------------|--|---|
| • EFS by BICR | • pCR ^e by BIPR
• MPR ^e by BIPR
• OS
• Safety | • EFS by pCR/MPR
• EFS by adjuvant treatment |

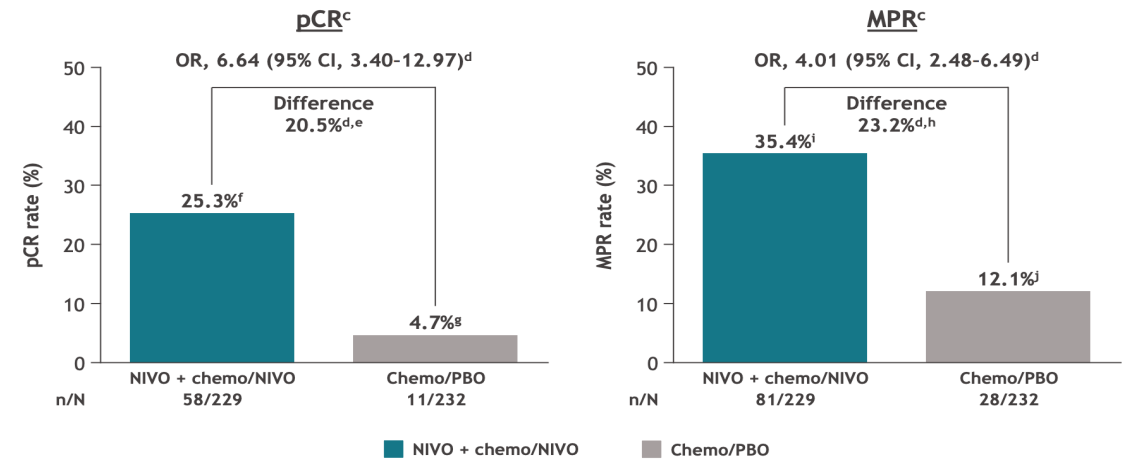
Primary endpoint: EFS^a per BICR with neoadjuvant NIVO + chemo/adjuvant NIVO vs chemo/PBO

CheckMate 77T: perioperative NIVO in resectable NSCLC



• EFS per investigator assessment, NIVO + chemo/NIVO vs chemo/PBO: HR, 0.56; 95% CI, 0.41-0.76

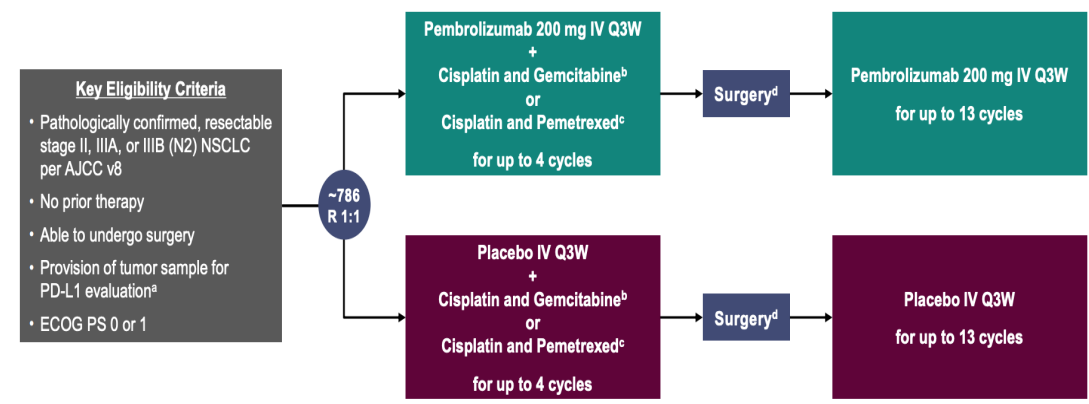
pCR^a and MPR^b per BIPR



Overall Survival in the KEYNOTE-671 Study of Perioperative Pembrolizumab for Early-Stage NSCLC

Jonathan D Spicer,¹ Shugeng Gao,² Moishe Liberman,³ Terufumi Kato,⁴ Masahiro Tsuboi,⁵ Se-Hoon Lee,⁶

KEYNOTE-671 Study Design Randomized, Double-Blind, Phase 3 Trial



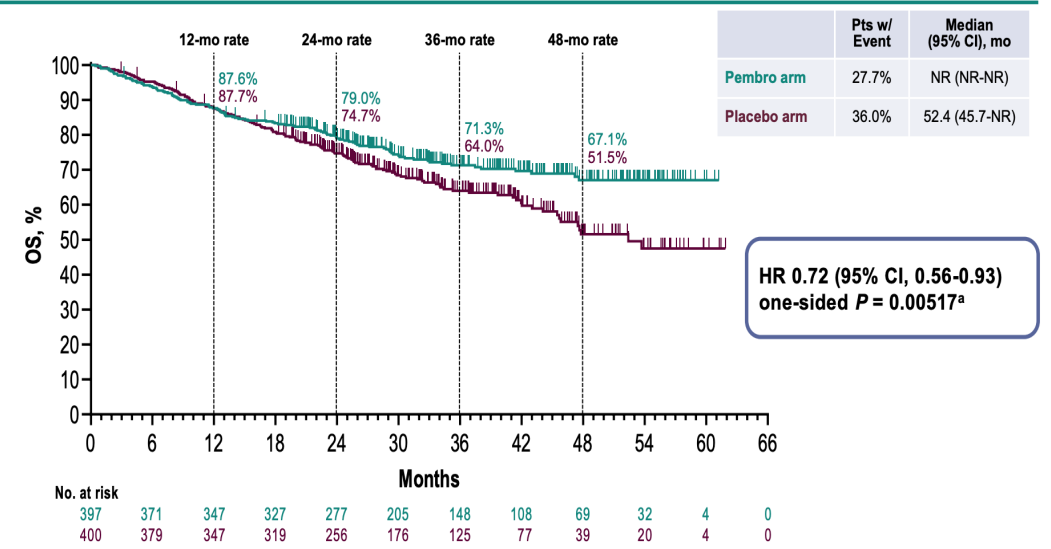
- Key Eligibility Criteria**
- Pathologically confirmed, resectable stage II, IIIA, or IIIB (N2) NSCLC per AJCC v8
 - No prior therapy
 - Able to undergo surgery
 - Provision of tumor sample for PD-L1 evaluation^a
 - ECOG PS 0 or 1

- Stratification Factors**
- Disease stage (II vs III)
 - PD-L1 TPS^a (<50% vs ≥50%)
 - Histology (squamous vs nonsquamous)
 - Geographic region (east Asia vs not east Asia)

Dual primary end points: EFS per investigator review and OS

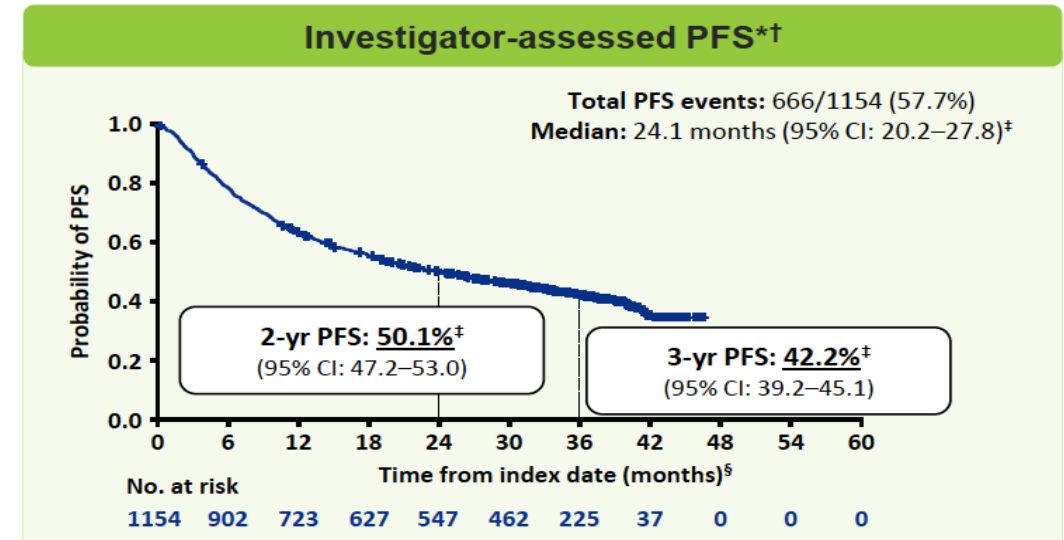
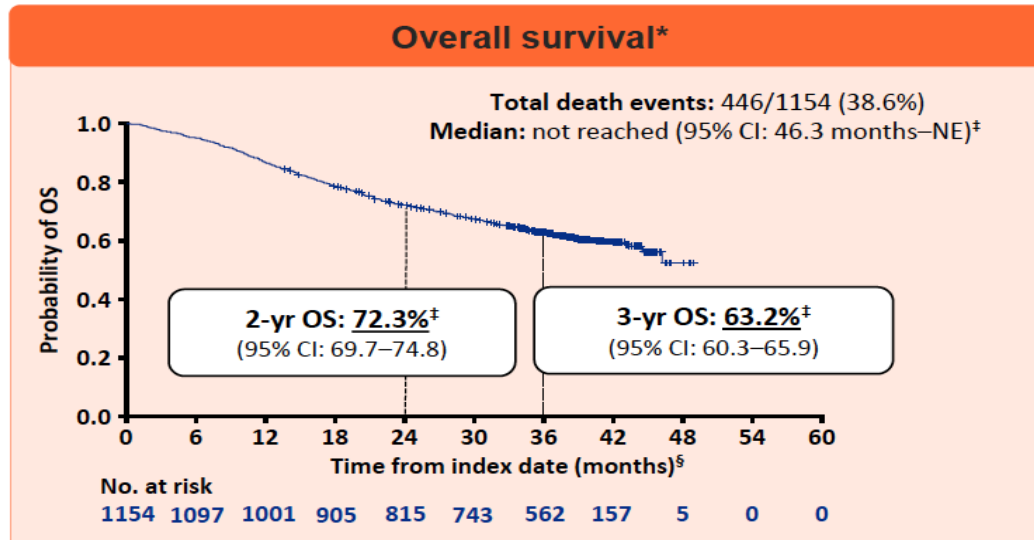
Key secondary end points: mPR and pCR per blinded, independent pathology review and safety

Overall Survival, IA2 Median Follow-Up: 36.6 months (range, 18.8-62.0)



OS defined as time from randomization to death from any cause. ^a Significance boundary at IA2, one-sided P = 0.00543. Data cutoff date for IA2: July 10, 2023.

Outcomes in the full analysis set (N=1154)



- As reported previously,¹ PACIFIC-R data continue to provide evidence for the effectiveness of consolidation durvalumab after CRT in a large, diverse, real-world population, consistent with findings from the pivotal, phase 3 PACIFIC trial²⁻⁴
 - These outcomes support the continued use of consolidation durvalumab after CRT (the 'PACIFIC regimen') as a global SoC for patients with unresectable stage III NSCLC

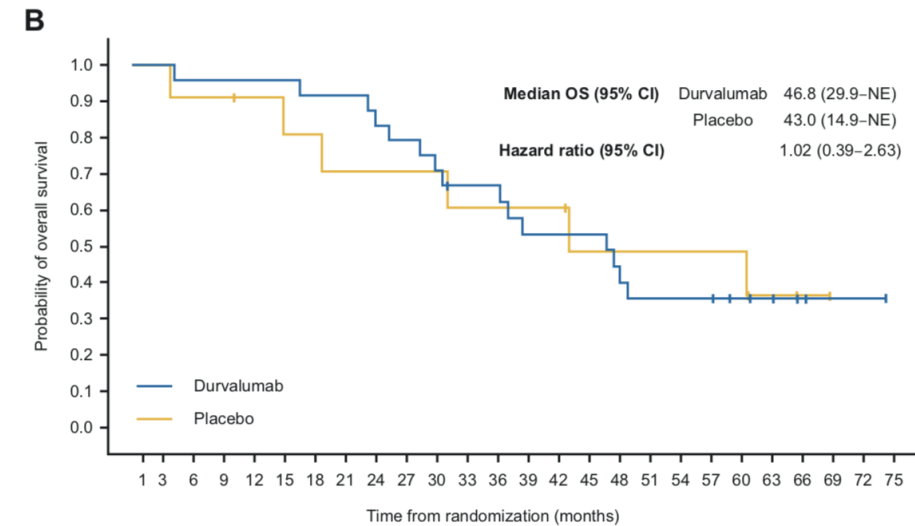
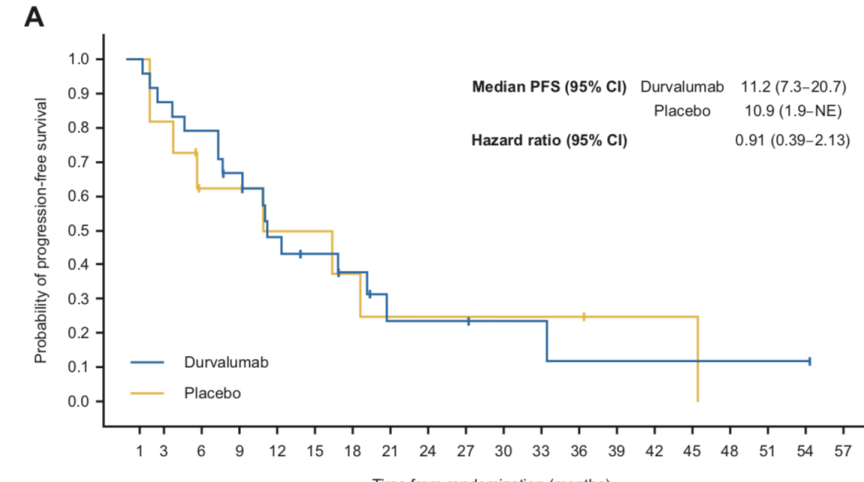
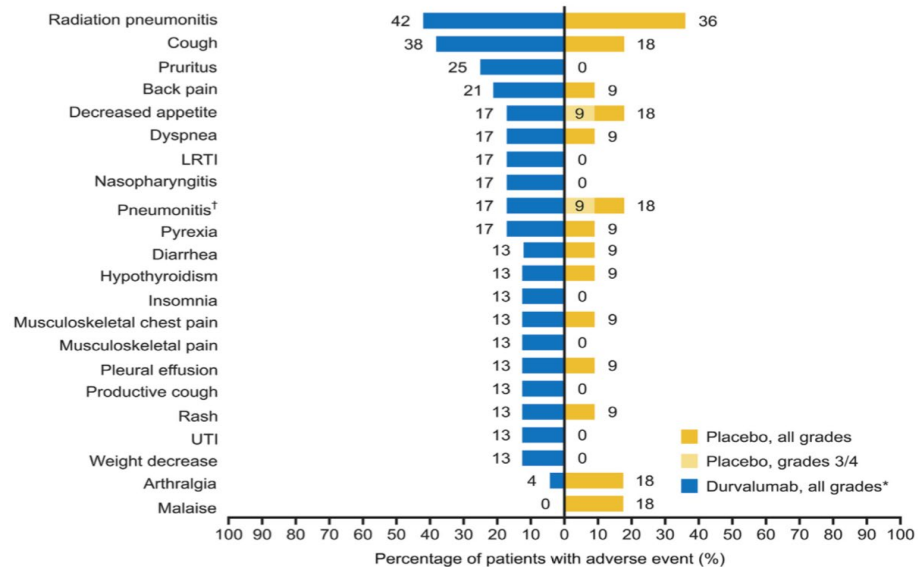
CI, confidence interval; CRT, chemoradiotherapy; EAP, early access programme; NE, not estimable; NSCLC, non-small-cell lung cancer; OS, overall survival; PFS, progression-free survival; SoC, standard of care; yr, year

*Analyses are based on the 3rd chart extraction from PACIFIC-R (end date: Nov 30, 2021; reported previously¹); the median follow-up duration in patients censored at the end of data extraction was 38.7 months (range: 13.6–49.0). †Because of the real-world nature of PACIFIC-R, progression could be documented by either radiological evaluation (per Response Evaluation Criteria in Solid Tumors [RECIST] v1.1) or the investigator's clinical judgment (depending on local practice). ‡Calculated using the Kaplan–Meier method. §The PACIFIC-R index date is the date that durvalumab was initiated within the EAP.¹ Girard N et al., Oral Presentation 580. Presented at ESMO IO 2022; ²Antonia SJ et al., N Engl J Med 2018;379:2342–50; ³Antonia SJ et al., N Engl J Med 2017;377:1919–29; ⁴Spigel DR et al., J Clin Oncol 2022;40:1301–11

Brief Report: Durvalumab After Chemoradiotherapy in Unresectable Stage III EGFR-Mutant NSCLC: A Post Hoc Subgroup Analysis From PACIFIC

Table 1. Baseline Demographics and Characteristics for the PACIFIC EGFRm Subgroup

Demographic or Characteristic	Durvalumab (n = 24)	Placebo (n = 11)	Total (N = 35)
Age (y): median (range)	65 (42-83)	69 (57-90)	67 (42-90)
Sex: male/female, n (%)	13 (54)/11 (46)	8 (73)/3 (27)	21 (60)/14 (40)
Race: Asian/non-Asian, n (%)	15 (63)/9 (38) ^c	6 (55)/5 (45)	21 (60)/14 (40)
Disease stage ^a	11 (46)/13 (54)	7 (64)/4 (36)	18 (51)/17 (49)
IIIA/IIIB, n (%)			
WHO PS: 0/1, n (%)	13 (54)/11 (46)	7 (64)/4 (36)	20 (57)/15 (43)
Tumor history:	3 (13)/21 (88) ^c	1 (9)/10 (91)	4 (11)/31 (89)
Squamous/nonsquamous			
Smoking history	13 (54)/11 (46)	5 (45)/6 (55)	18 (51)/17 (49)
Yes/no, n (%)			
Best response to previous CRT:	0/11 (46)/13 (54)	0/4 (36)/7 (64)	0/15 (43)/20 (57)
CR/PR/stable disease, n (%)			
Positive EGFR mutation status:	10 (42)/6 (25)/8 (33)	3 (27)/5 (45)/3 (27) ^c	13 (37)/11 (31)/11 (31) ^c
exon 19 del/L858R/other, ^b n (%)			
PD-L1 status	4 (17)/16 (67)/4 (17) ^c	3 (27)/4 (36)/4 (36) ^c	7 (20)/20 (57)/8 (23)
≥25%/<25%/unknown, n (%)			
Primary tumor stage	6 (25)/9 (38)/4 (17)/5 (21) ^c	2 (18)/6 (55)/1 (9)/2 (18)	8 (23)/15 (43)/5 (14)/7 (20)
T1a-b/T2a-b/T3/T4, n (%)			
Regional lymph nodes	2 (8)/10 (42)/12 (50)	1 (9)/7 (64)/3 (27)	3 (9)/17 (49)/15 (43) ^c
N0/N2/N3, n (%)			
Previous induction chemotherapy, n (%)	2 (8)	4 (36)	6 (17)



Durvalumab after sequential chemoradiotherapy in patients with unresectable Stage III NSCLC

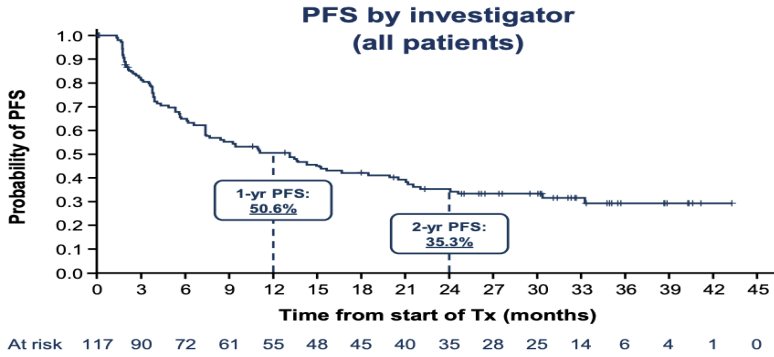
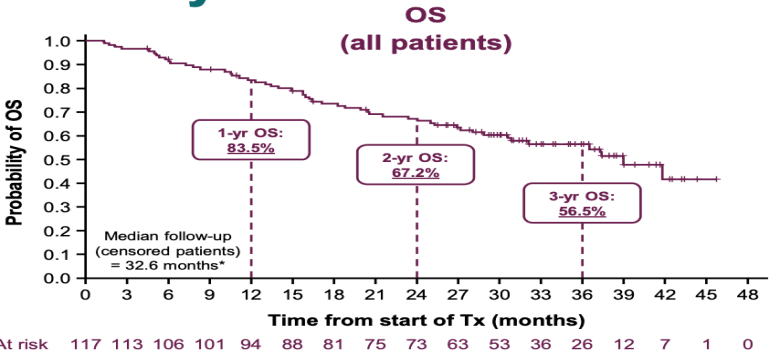
Final analysis from PACIFIC-6

Marina Chiara Garassino,^{1,2} Julien Mazieres,³ Martin Reck,⁴ Christos Chouaid,⁵

PACIFIC-6: phase II, open-label, international trial



Efficacy



Endpoint		All patients (N=117)	PS 0/1 cohort (n=114) [†]
OS	Median, months (95% CI)	39.0 (30.6–NC)	39.0 (30.6–NC)
	3-yr rate, % (95% CI)	56.5 (46.4–65.5)	57.2 (46.9–66.2)
PFS by investigator	Median, months (95% CI)	13.1 (7.4–19.9)	13.1 (7.4–19.9)
	2-yr rate, % (95% CI)	35.3 (26.5–44.3)	35.4 (26.4–44.5)
Confirmed ORR by investigator	n (%)	24 (20.5) [‡]	24 (21.1) [‡]
	[95% CI] [§]	[13.6–29.0]	[14.0–29.7]

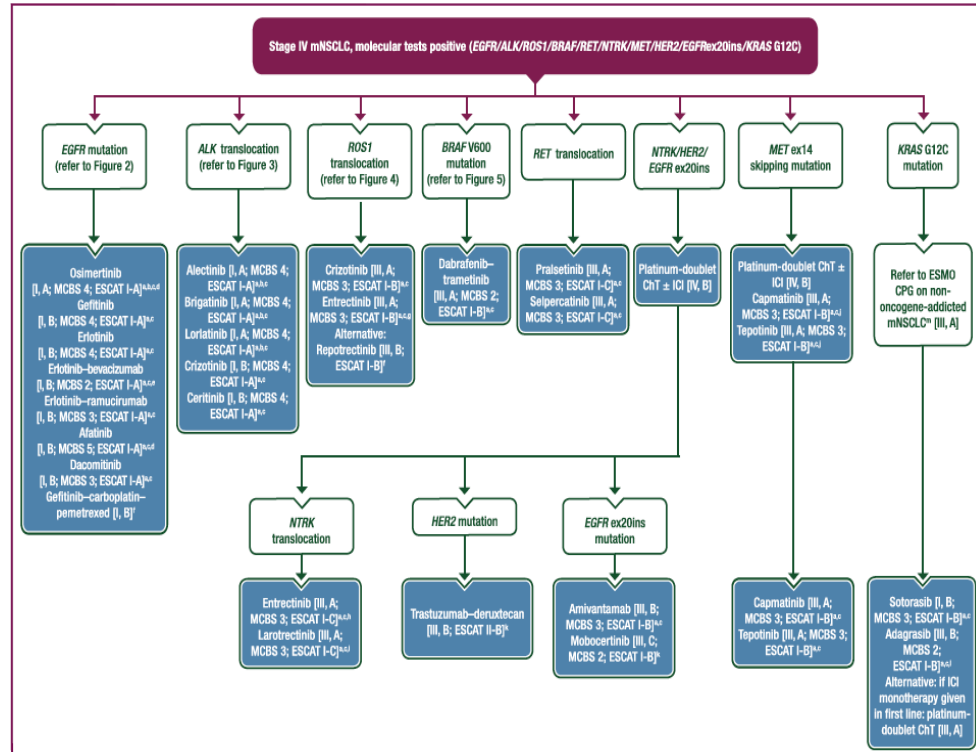
INTRODUCCIÓN: ENFERMEDAD METÁSTASICA



SPECIAL ARTICLE

Oncogene-addicted metastatic non-small-cell lung cancer: ESMO Clinical Practice Guideline for diagnosis, treatment and follow-up[★]

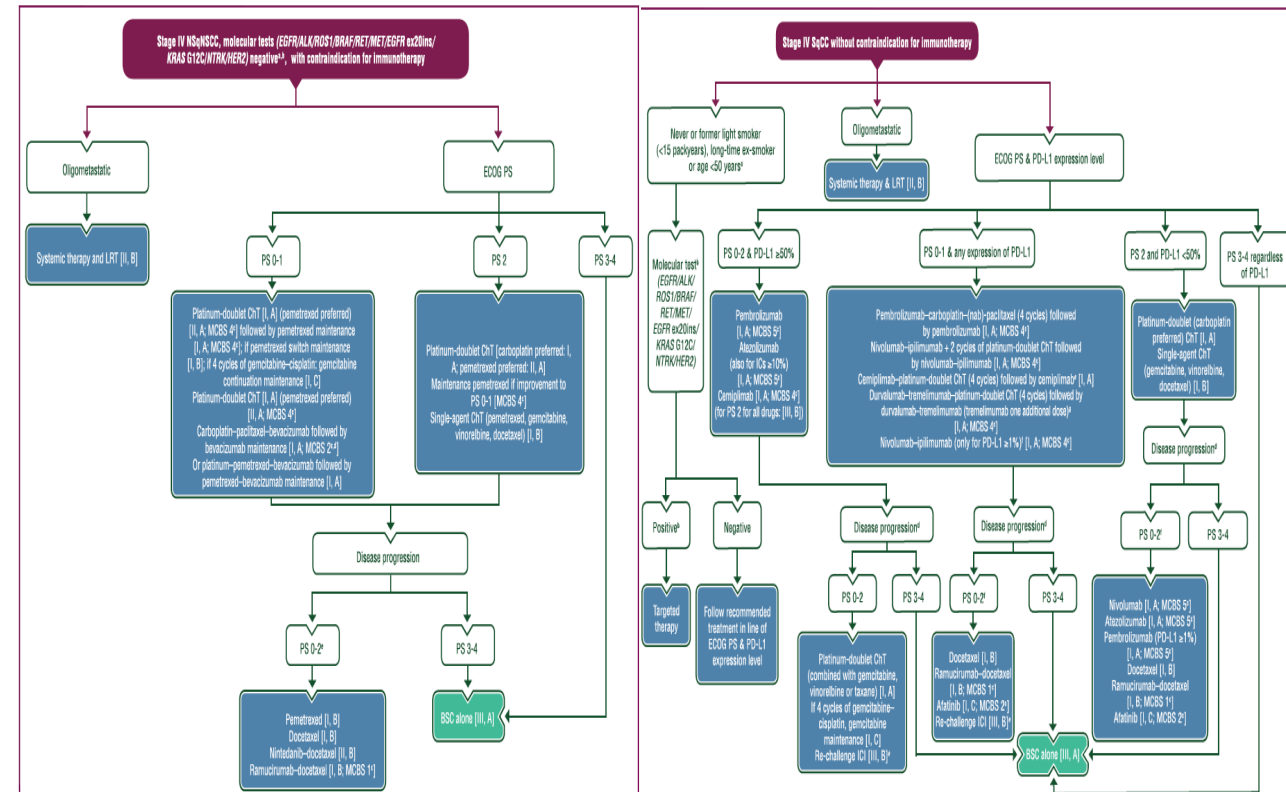
L. E. Hendriks¹, K. M. Kerr², J. Menis³, T. S. Mok⁴, U. Nestle^{5,6}, A. Passaro⁷, S. Peters⁸, D. Planchard⁹, E. F. Smit^{10,11}, B. J. Solomon¹², G. Veronesi^{13,14} & M. Reck¹⁵, on behalf of the ESMO Guidelines Committee^{*}



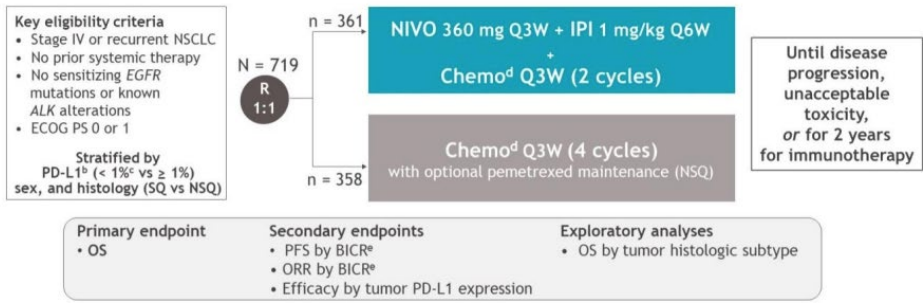
SPECIAL ARTICLE

Non-oncogene-addicted metastatic non-small-cell lung cancer: ESMO Clinical Practice Guideline for diagnosis, treatment and follow-up[★]

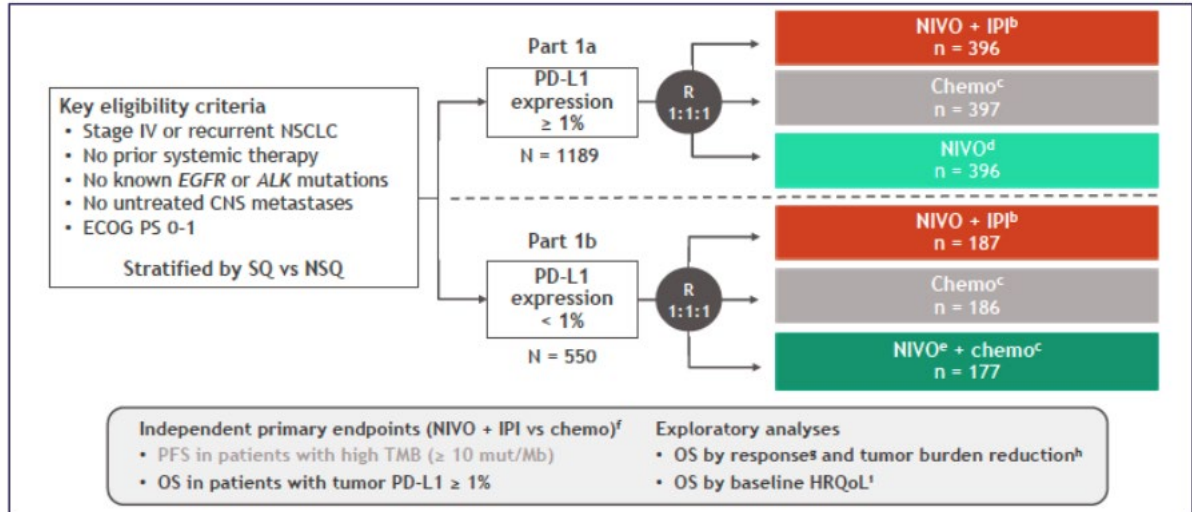
L. E. Hendriks¹, K. M. Kerr², J. Menis³, T. S. Mok⁴, U. Nestle^{5,6}, A. Passaro⁷, S. Peters⁸, D. Planchard⁹, E. F. Smit^{10,11}, B. J. Solomon¹², G. Veronesi^{13,14} & M. Reck¹⁵, on behalf of the ESMO Guidelines Committee^{*}



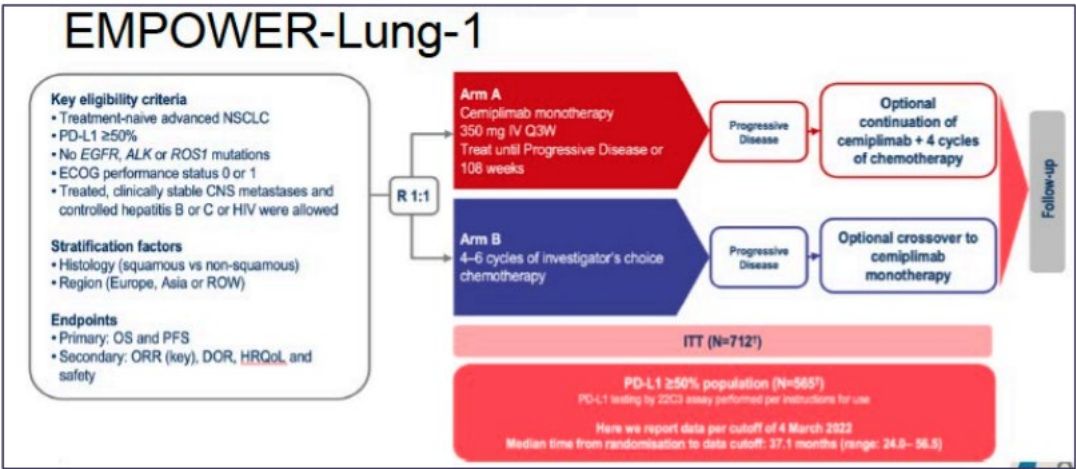
CheckMate 9LA 4-year clinical update



0A14.03: Six-year survival and HRQoL outcomes with 1L Nivolumab + Ipilimumab in patients with metastatic NSCLC from CheckMate227



0A14.04: Three-year outcomes with first-line pembrolizumab, in patients with nonsmall cell lung cancer and a PD-L1 tumor proportion score > 90%



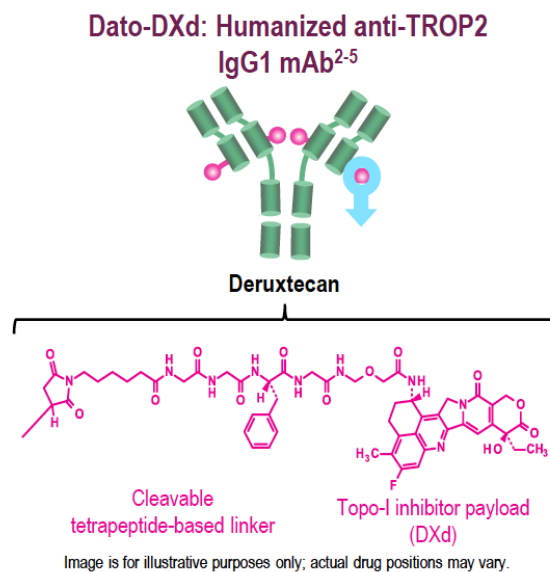
0A14.05: 5-year survival of pembrolizumab plus chemotherapy for metastatic NSCLC with PD-L1 tumor proportion score < 1%

Clinical Study	Study Design
KEYNOTE-189 global¹ (NCT02578680) and Japan Extension⁷ (NCT03950674)	<ul style="list-style-type: none"> Previously untreated stage IV nonsquamous NSCLC; no EGFR/ALK alteration Pembrolizumab 200 mg Q3W plus pemetrexed-platinum vs placebo plus pemetrexed-platinum 2:1 randomization
KEYNOTE-407 global² (NCT02775435) and China Extension⁸ (NCT03875092)	<ul style="list-style-type: none"> Previously untreated stage IV squamous NSCLC Pembrolizumab 200 mg Q3W plus carboplatin-paclitaxel/nab-paclitaxel vs placebo plus carboplatin-paclitaxel/nab-paclitaxel 1:1 randomization

We present 5-year outcomes from a post-hoc exploratory pooled analysis of phase 3 trials of pembrolizumab plus chemotherapy vs placebo plus chemotherapy in patients with previously untreated metastatic NSCLC with PD-L1 TPS < 1%

Datopotamab deruxtecan (Dato-DXd) vs docetaxel in previously treated advanced/metastatic (adv/met) non-small cell lung cancer (NSCLC): Results of the randomized phase 3 study TROPION-Lung01

Myung-Ju Ahn,^{1,a} Aaron Lisberg,^{2,a,b} Luis Paz-Ares,³ Robin Cornelissen,⁴ Nicolas Girard,⁵



TROPION-Lung01 Study Design

Randomized, Phase 3, Open-Label, Global Study (NCT04656652)

Key Eligibility Criteria

- NSCLC (stage IIIB, IIIC, or IV)
- ECOG PS of 0 or 1
- No prior docetaxel
- Without actionable genomic alterations^a
 - 1 or 2 prior lines, including platinum CT and anti-PD-(L)1 mAb therapy
- With actionable genomic alterations
 - Positive for *EGFR*, *ALK*, *NTRK*, *BRAF*, *ROS1*, *MET* exon 14 skipping, or *RET*
 - 1 or 2 prior approved targeted therapies + platinum-based CT, and ≤ 1 anti-PD-(L)1 mAb

R 1:1

Dato-DXd
6 mg/kg Q3W
(N=299)

Docetaxel
75 mg/m² Q3W
(N=305)

Dual Primary Endpoints

- PFS by BICR
- OS

Secondary Endpoints

- ORR by BICR
- DOR by BICR
- Safety

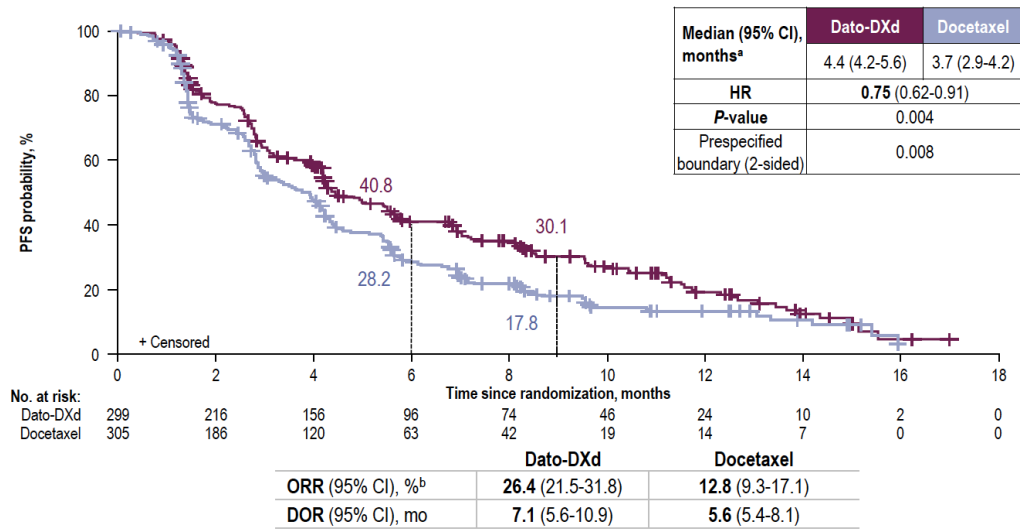
Stratified by: histology,^b actionable genomic alteration,^c anti-PD-(L)1 mAb included in most recent prior therapy, geography^d

- **Dato-DXd is a TROP2-directed ADC** that selectively delivers a potent topoisomerase I inhibitor payload directly into tumor cells¹
- **Promising antitumor activity** was seen with Dato-DXd in patients with adv/met NSCLC in the phase 1 TROPION-PanTumor01 trial (26% ORR)¹

PHASE III: TROPION Lung-01

Aaron Linberg

Progression-Free Survival: ITT

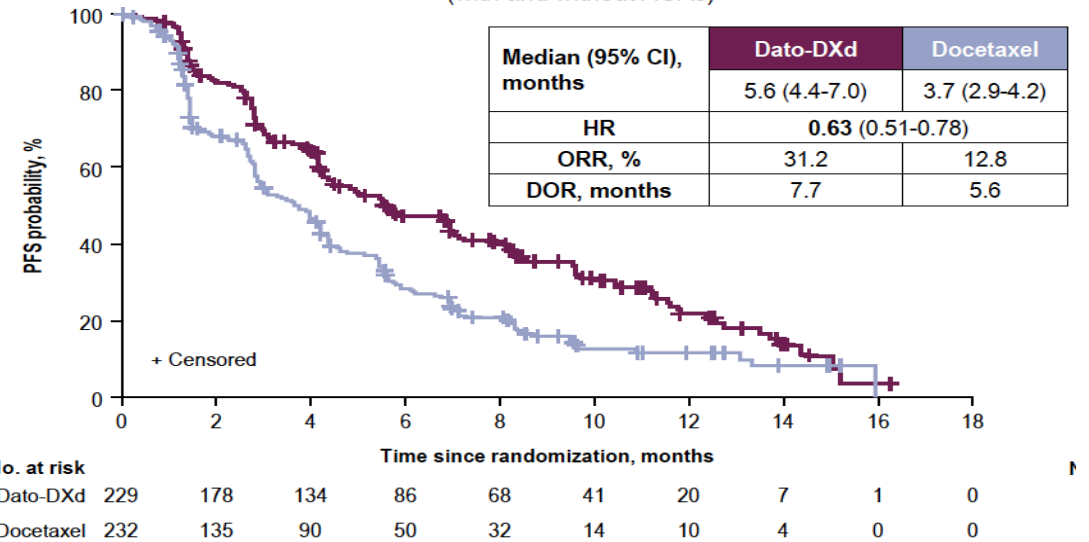


CR, complete response; DOR, duration of response; HR, hazard ratio; ITT, intention to treat; ORR, objective response rate; PFS, progression-free survival; PR, partial response.
^aMedian PFS follow-up was 10.9 (95% CI, 9.8-12.5) and 9.6 (95% CI, 8.2-11.9) months for Dato-DXd and docetaxel, respectively. ^bIncluded 4 CRs and 75 PRs for Dato-DXd and 39 PRs for docetaxel.

PFS by Histology

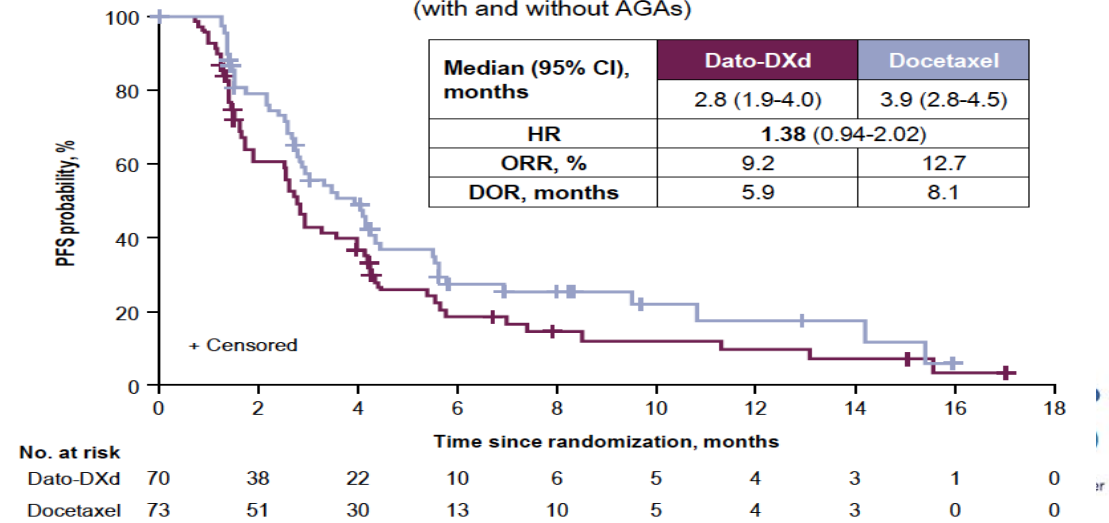
Non-squamous

(with and without AGAs)



Squamous

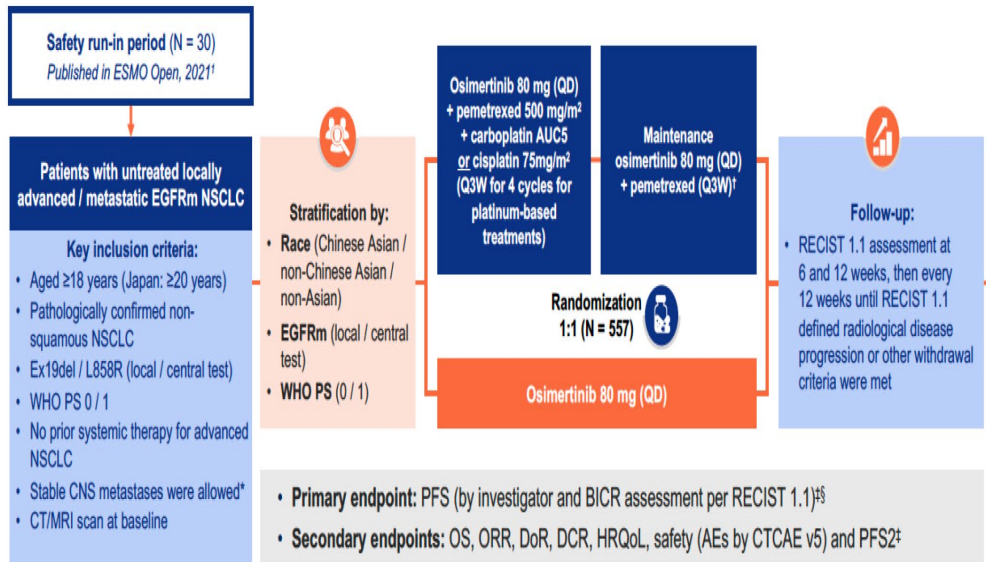
(with and without AGAs)



ENFERMEDAD METASTASICA CON MUTACIONES DRIVER:1º

Osimertinib With / Without Platinum-Based Chemotherapy as First-Line Treatment in Patients with EGFRm Advanced NSCLC (FLAURA2)

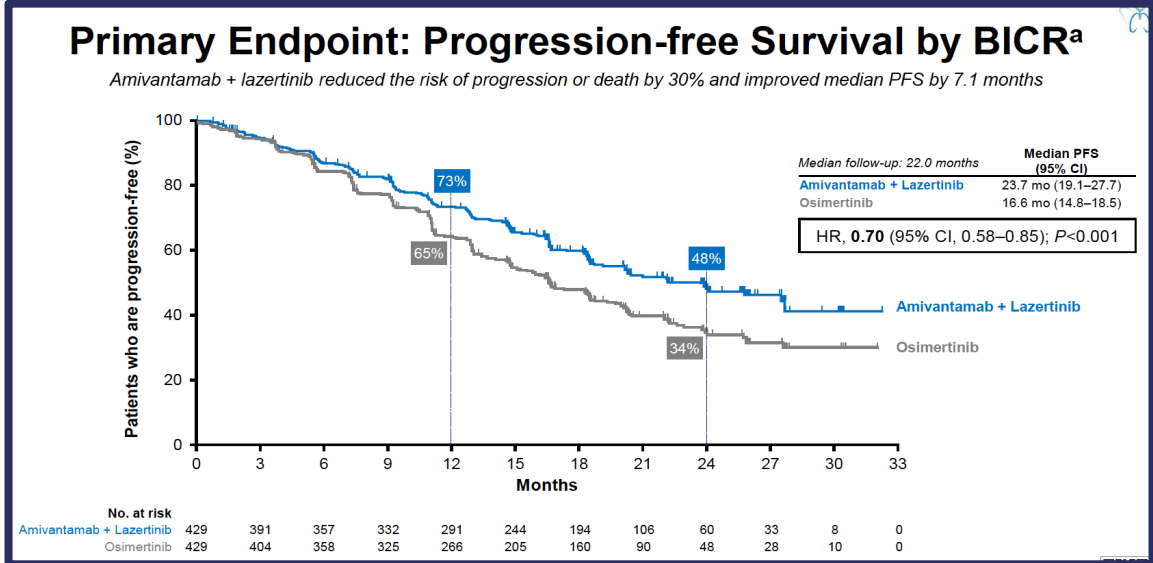
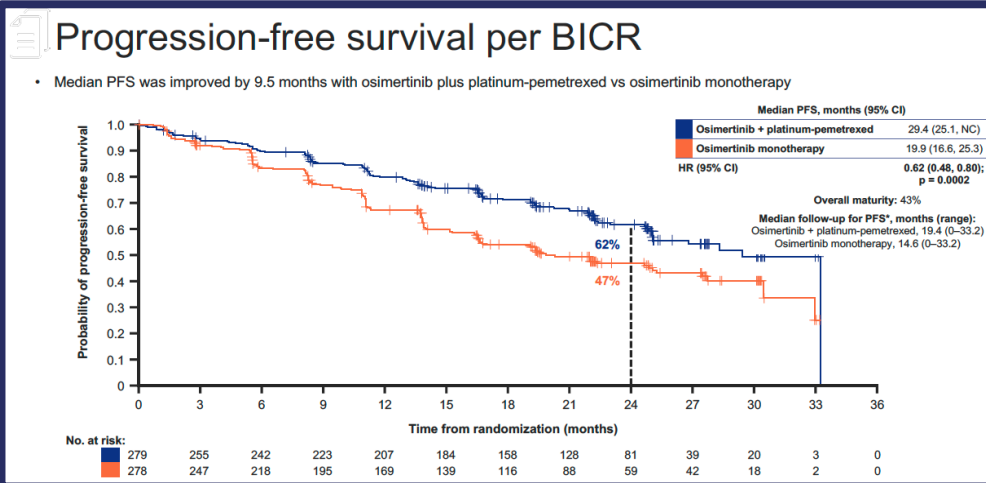
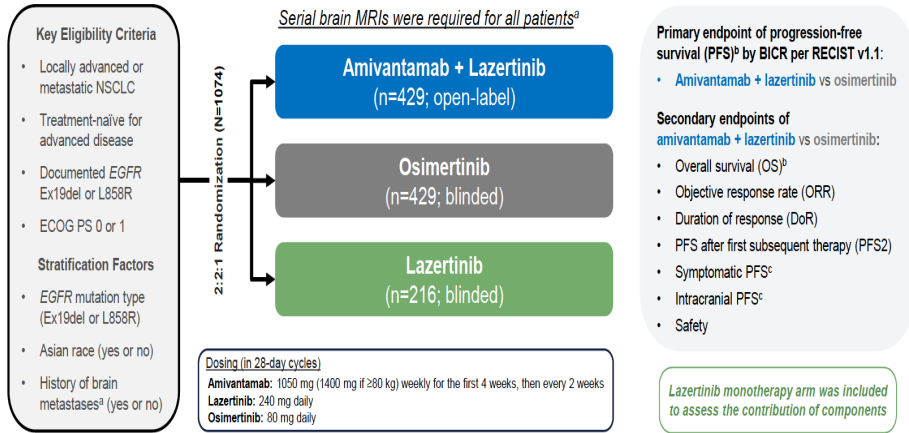
ESTUDIO FLAURA-2



Amivantamab Plus Lazertinib Versus Osimertinib as First-line Treatment in EGFR-mutated Advanced NSCLC

Primary Results from MARIPOSA, a Phase 3, Global, Randomized, Controlled Trial

MARIPOSA: Phase 3 Study Design



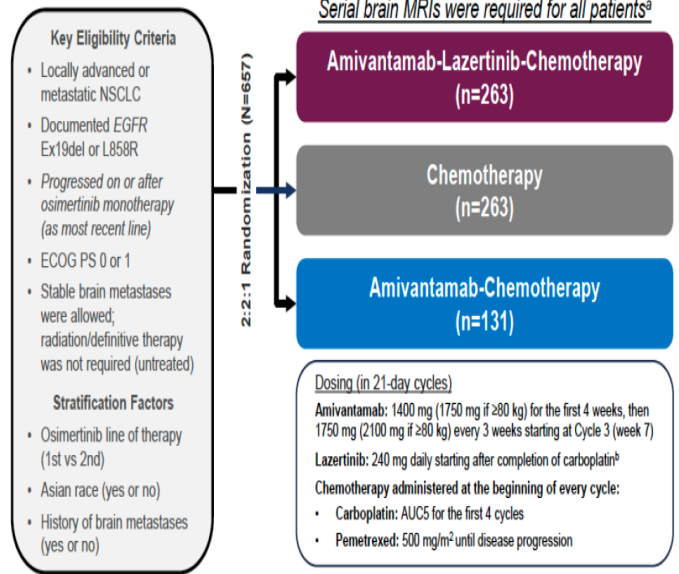
NUEVA POLÉMICA: ¿TENDRÍAMOS QUE CAMBIAR EL ESTANDAR DE 1L EN TODOS LOS EGFR+?

ESTUDIO MARIPOSA-2

Amivantamab Plus Chemotherapy (With or Without Lazertinib) vs Chemotherapy in EGFR-mutated, Advanced NSCLC After Progression on Osimertinib

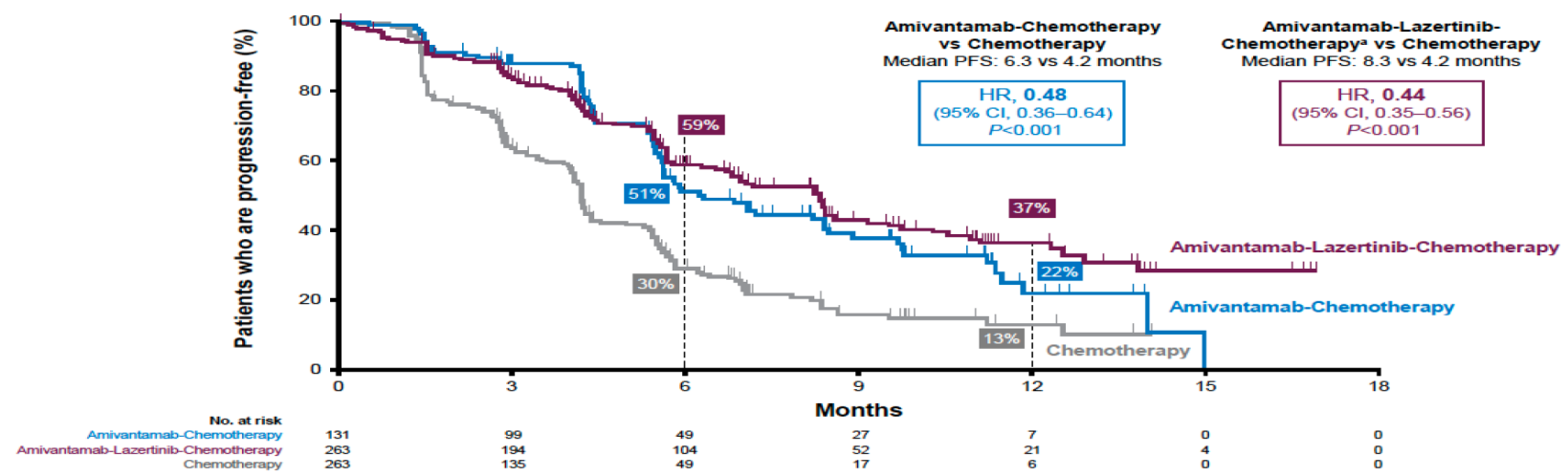
MARIPOSA-2, a Phase 3, Global, Randomized, Controlled Trial

Antonio Passaro,¹ Byoung Chul Cho,² Yongsheng Wang,³ Barbara Melosky,⁴ Raffaele Califano,⁵ Se-Hoon Lee,⁶ Nicolas Girard,⁷ Karen Reckamp,⁸ Toshiaki Takahashi,⁹ Enriqueta Felip,¹⁰ Ryan D. Gentzler,¹¹ Sanjay Popat,¹² William Nassib William Jr.,¹³ Tao Sun,¹⁴ Sujay Shah,¹⁵ Brooke Diorio,¹⁶ Roland E. Knobiach,¹⁵ Joshua M. Baum,¹⁵ Rosario Garcia Campelo,¹⁷ Jie Wang¹⁸



- Dual primary endpoint of PFS^a by BICR per RECIST v1.1:
- Amivantamab-Lazertinib-Chemotherapy vs Chemotherapy
 - Amivantamab-Chemotherapy vs Chemotherapy
- Secondary endpoints:
- Objective response rate (ORR)^c
 - Duration of response (DoR)
 - Overall survival (OS)^c
 - Intracranial PFS
 - Time to subsequent therapy^d
 - PFS after first subsequent therapy (PFS2)^d
 - Symptomatic PFS^d
 - Safety

Primary Endpoint: PFS by BICR

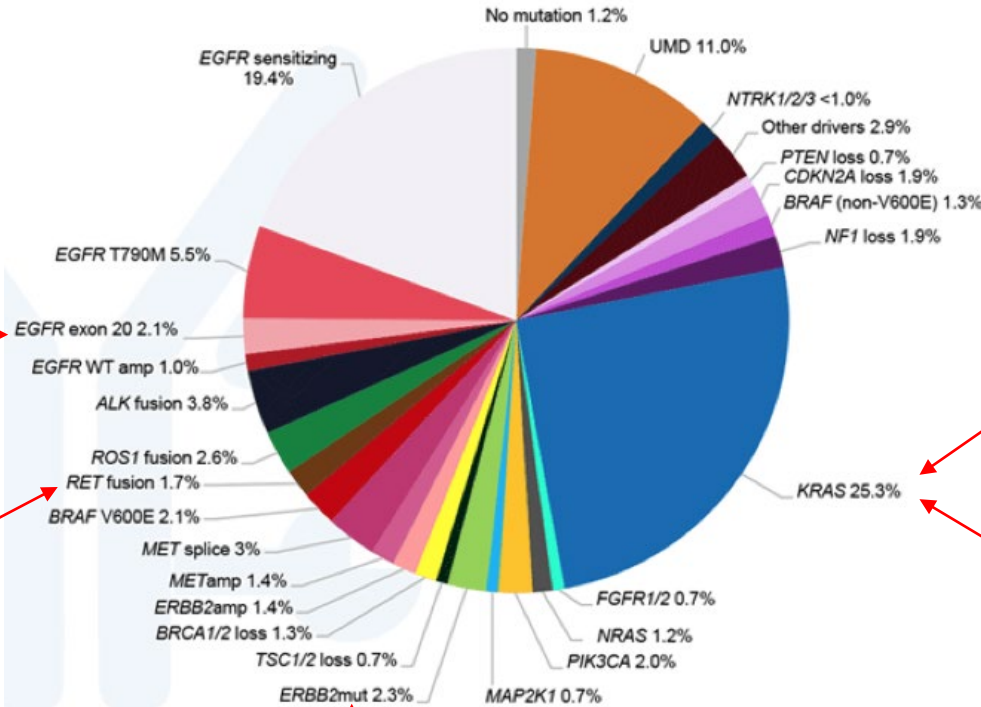


Consistent PFS benefit by investigator: HR, 0.41 (8.2 vs 4.2 mo; P<0.001^b) & HR, 0.38 (8.3 vs 4.2 mo; P<0.001^b)

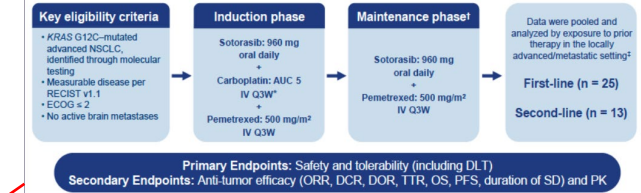
ENFERMEDAD METASTASICA CON MUTACIONES DRIVER

Amivantamab Plus Chemotherapy vs Chemotherapy as First-line Treatment in EGFR Exon 20 Insertion-mutated Advanced Non-small Cell Lung Cancer (NSCLC)

Primary Results From PAPILLON, a Randomized Phase 3 Global Study



Phase 1b CodeBreak 101 Study



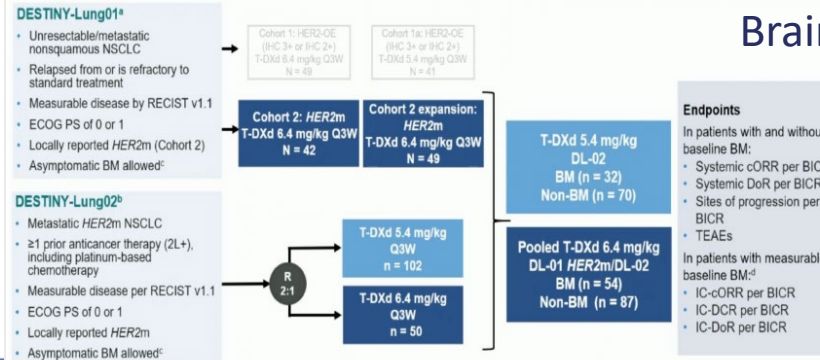
KRYSTAL-7: Efficacy and Safety of Adagrasib With Pembrolizumab in Patients With Treatment-Naïve, Advanced Non-Small Cell Lung Cancer (NSCLC) Harboring a KRAS^{G12C} Mutation

Marina C. Garassino¹, Willemijn S.M.E. Theelen², Robert Jotte³

Randomized Phase 3 Study of First-line Selpercatinib versus Chemotherapy and Pembrolizumab in RET Fusion-positive NSCLC

LIBRETTO-431 (NCT04194944)

Harbert H. Loo, Keiichi Goto, Benjamin J. Solomon, Keunchil Park, Maurice Péro, Edurne Arritola, Silvia Novello, Ying Cheng, Andrea Ardizzoni, Milena P. Misk, Fernando C. Santini, Yasir Y. Elamin, Alexander Drilon, Jürgen Wolf, Baohui Han, Hongmei Han, Minji K. Uh, Tarun Puri, Viktoriya Soldatenkova, Caicun Zhou



Brain mets

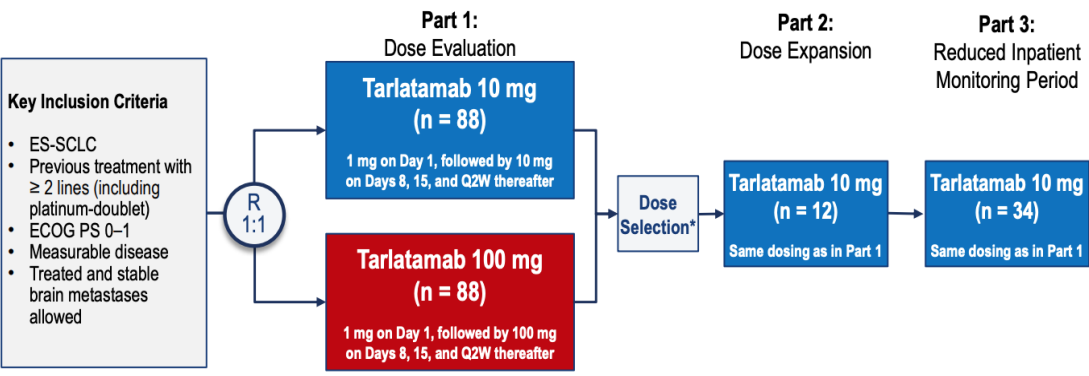


Tarlatamab for patients with previously treated small cell lung cancer (SCLC): Primary analysis of the phase 2 DeLLphi-301 study

Luis Paz-Ares¹, Myung-Ju Ahn², Enriqueta Felip³, Sabin Handzhiev⁴,

DeLLphi-301 Study Design

Phase 2, open-label study (NCT05060016)



Primary Endpoint: ORR per RECIST v1.1 by BICR, TEAEs, tarlatamab serum concentrations

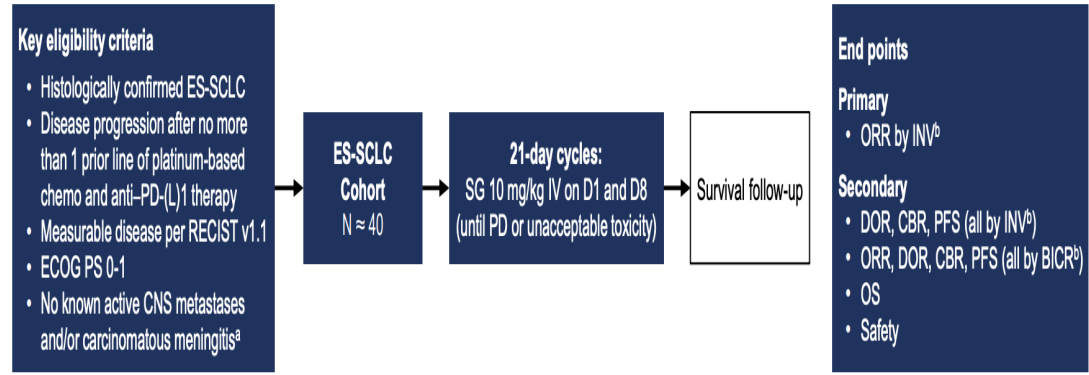
Secondary Endpoints Included: DOR, DCR, PFS per RECIST v1.1 by BICR, OS



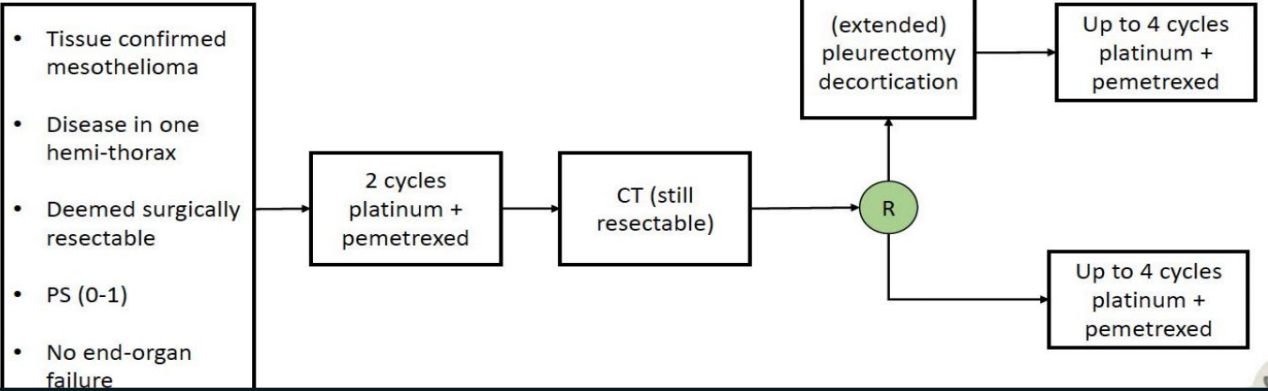
Sacituzumab govitecan as second-line treatment for extensive stage small cell lung cancer

Preliminary results from the phase 2 TROPiCS-03 basket trial

Afshin Dowlati,¹ Andres Cervantes,² Sunil Babu,³ Erika Hamilton,⁴ Shu Fen Wong,⁵

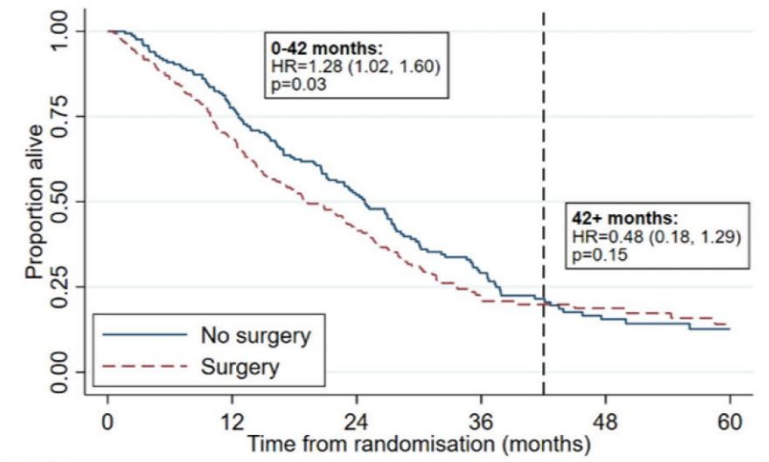


MARS 2 trial schema



MARS 2 trial: Which is the role of pleurectomy/decortication?

Surgery was associated with worse OS compared with chemotherapy



Number at risk						
No surgery	166	128	82	37	15	6
Surgery	169	115	64	24	15	7



Novedades & Claves en CÁNCER de PULMÓN 2023

Añade esta fecha
a tu calendario



16 Enero 2024
16:00h-18:00h

FORMATO **VIRTUAL**

Programa científico

- 16:00 - 16:20 **Introducción**
Dra. Reyes Bernabé
Hospital Univ. Virgen del Rocío, Sevilla
- 16:20 - 16:40 **Biomarcadores pronósticos**
Dr. Airam Padilla
Hospital Regional Univ. de Málaga
- 16:40 - 17:00 **Estadios iniciales y enfermedad localmente avanzada**
Dra. Ana Collazo
Hospital Univ. Puerta de Hierro, Majadahonda, Madrid
- 17:00 - 17:20 **Enfermedad metastática (incluyendo inmunoterapia)**
Dr. Marc Cucurull
ICO, Hospital Univ. Germans Trias i Pujol, Badalona, Barcelona
- 17:20 - 17:40 **Cáncer de pulmón microcítico y otros tumores**
Dr. Manuel Cobo
Hospital Regional Univ. de Málaga
- 17:40 - 18:00 **Conclusiones**
Dr. Bartomeu Massutí
Hospital General Univ. Dr. Balmis, Alicante

Organizado por: