

# CARCINOMA POLMONARE: QUALI NOVITÀ NEL 2022?

## Il trattamento della malattia ALK positiva

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# DISCLOSURES

No disclosure

# AGENDA: ALK+ NSCLC in 2022, one more step to the future

## The basements

- a wonderful story -

- First/second gen vs CT in pretreated  
*PROFILE 1007/ASCEND-5* (HR 0.49)
- First/second gen vs CT in 1L  
*PROFILE 1014/ASCEND-4*

## The current

- Treatment scenario -

- Second gen vs first gen ALK TKI
- Third gen vs first gen ALK TKI
- TKI sequencing

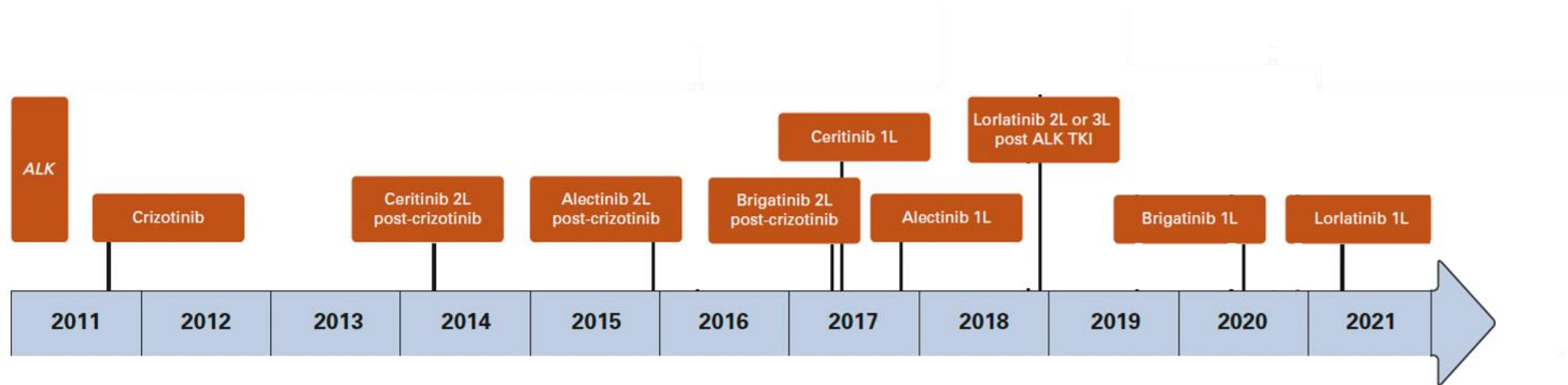
## The future

- Are we ready for next steps? -

Room to improve:

- testing
- biology
- resistance
- patients selection

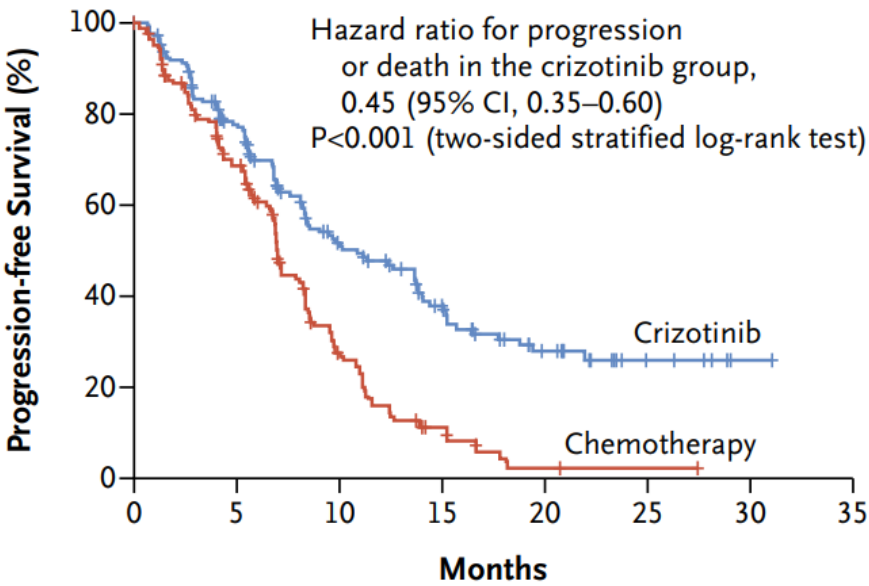
# The evolving treatment landscape of ALK-positive NSCLC



# 1L ALK inhibitors vs chemotherapy

## Crizotinib PROFILE1014

**mPFS: 10.9 mos**

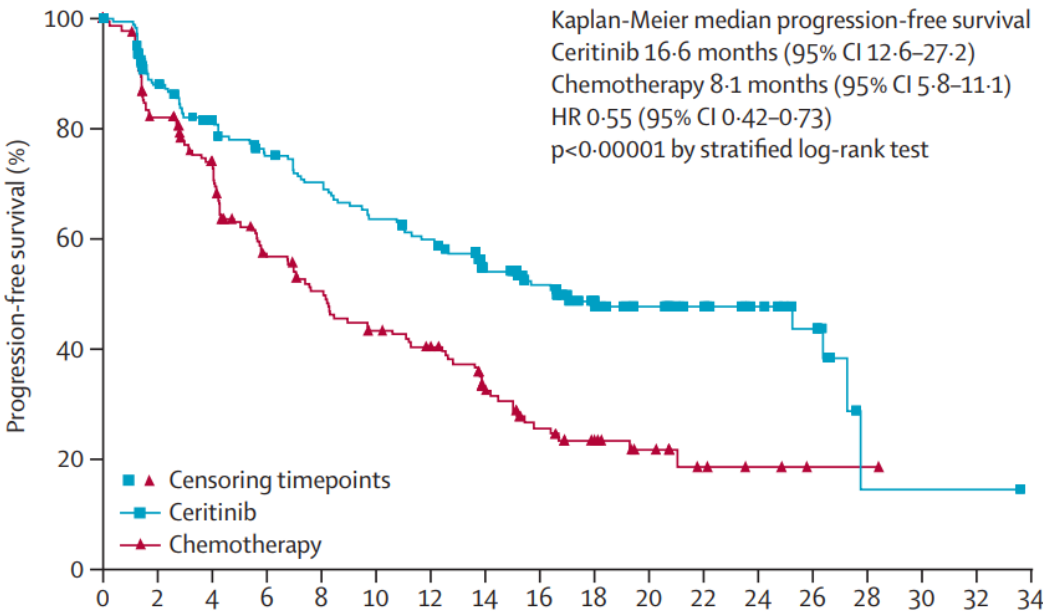


**No. at Risk**

|              |     |     |    |    |    |   |   |   |
|--------------|-----|-----|----|----|----|---|---|---|
| Crizotinib   | 172 | 120 | 65 | 38 | 19 | 7 | 1 | 0 |
| Chemotherapy | 171 | 105 | 36 | 12 | 2  | 1 | 0 | 0 |

## Ceritinib ASCEND-4

**mPFS: 16.6 mos**



**Number at risk**

|              |     |     |     |     |     |     |    |    |    |    |    |    |    |    |   |   |   |   |
|--------------|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|---|---|---|---|
| Ceritinib    | 189 | 155 | 139 | 125 | 116 | 105 | 98 | 76 | 59 | 43 | 32 | 23 | 16 | 11 | 1 | 1 | 1 | 0 |
| Chemotherapy | 187 | 136 | 114 | 82  | 71  | 60  | 53 | 35 | 24 | 16 | 11 | 5  | 3  | 1  | 1 | 0 | 0 | 0 |

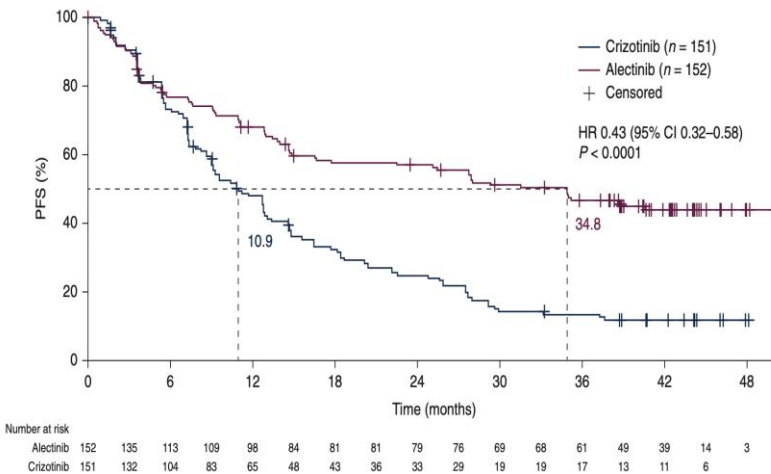
**50% risk reduction of developing disease progression**

# 1L 2nd gen ALK inhibitors vs crizotinib

## Alectinib **Global ALEX**

mPFS:

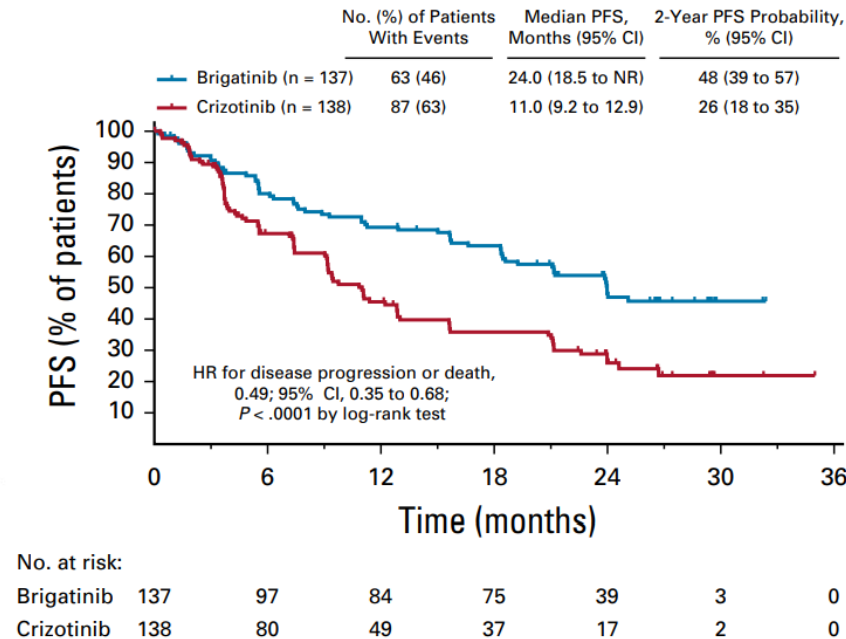
**BIRC 25.7 m | Inv\* 34.8 m**



## Brigatinib **ALTA-1L**

mPFS:

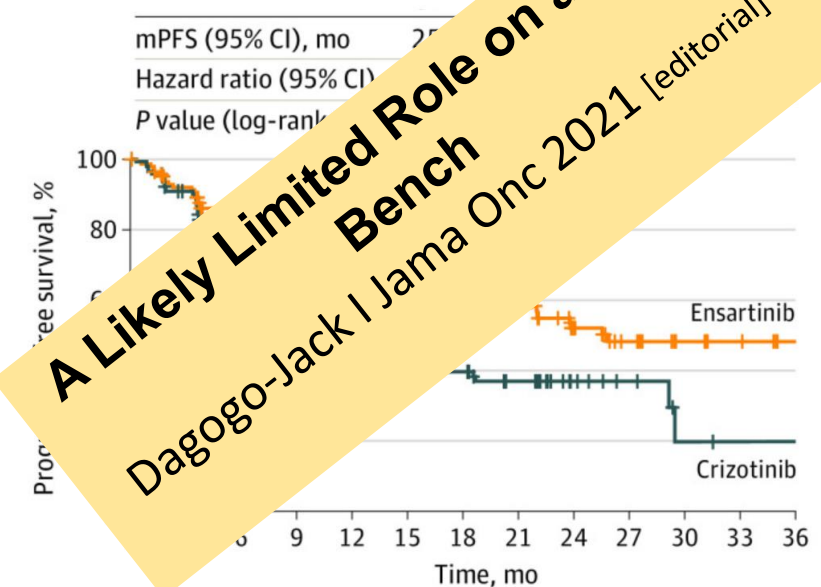
**BIRC\* 24 m | Inv 30.8 m**



## Ensartinib **eXALT3**

mPFS:

**BIRC\* 25.7 m**



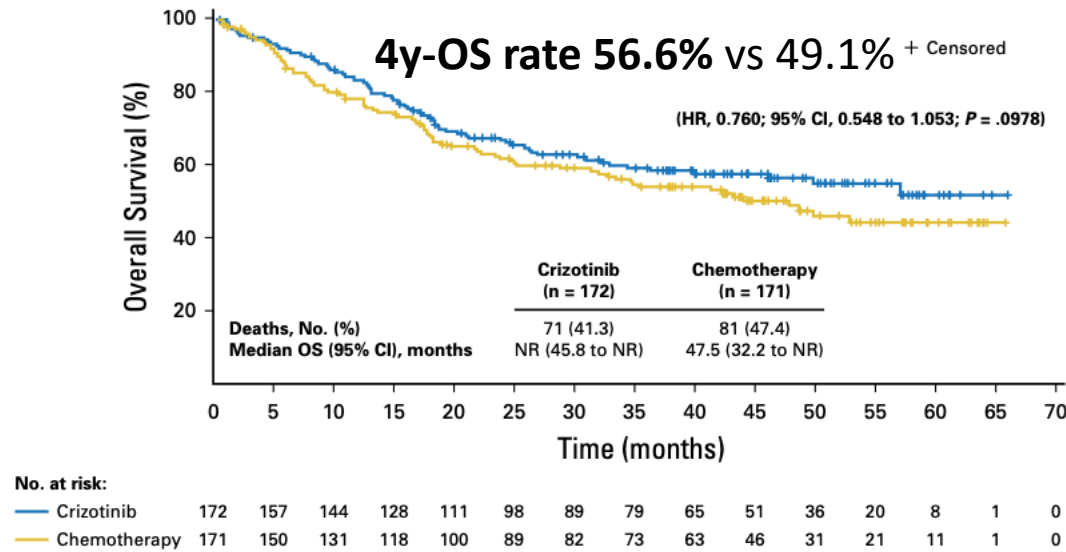
**A Likely Limited Role on a Deep Bench**  
Dagogo-Jack | Jama Onc 2021 [editorial]

**50% risk reduction of developing disease progression**

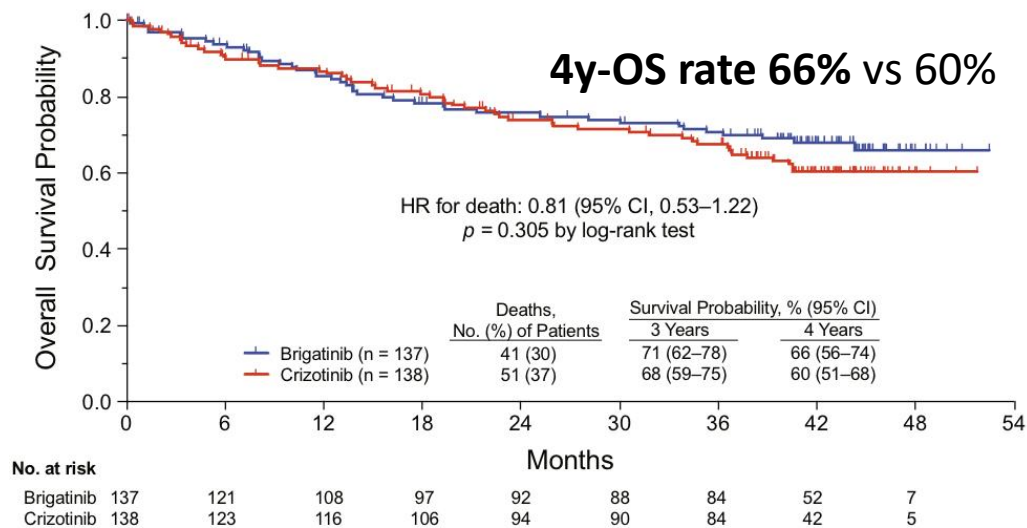
\* Primary endpoint

# 1L ALK inhibitors: Landmark OS results

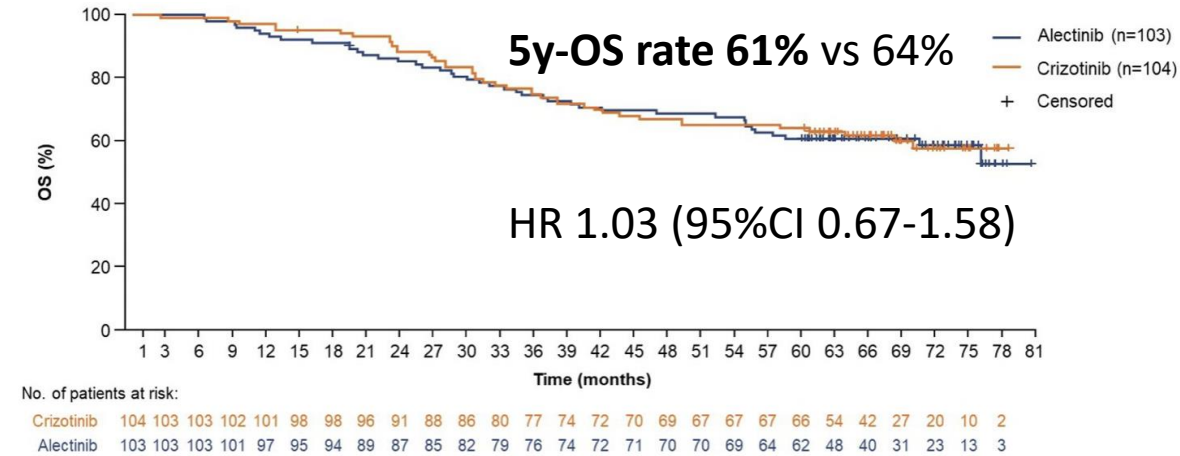
## PROFILE1014



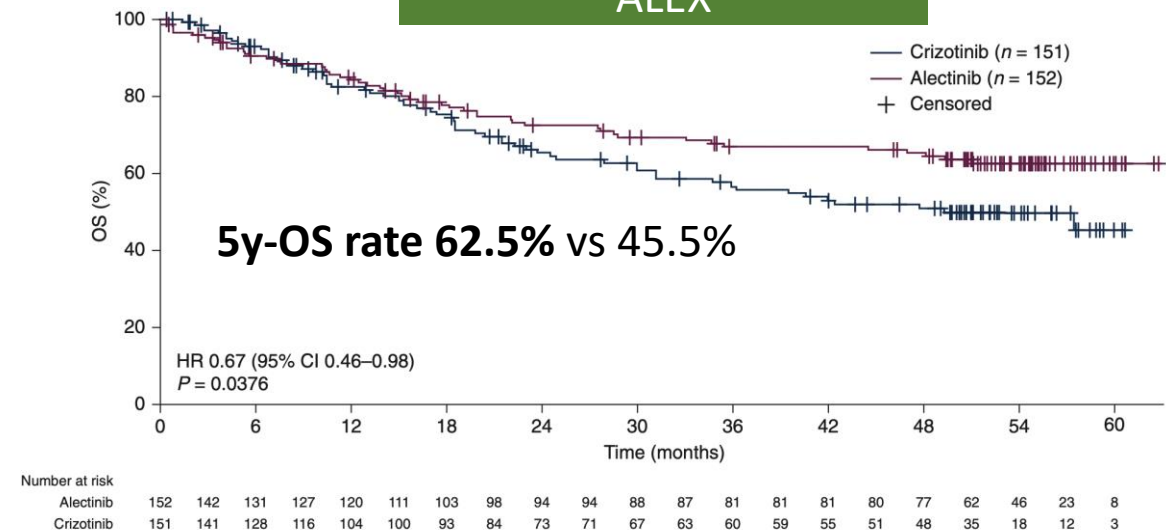
## ALTA-1L



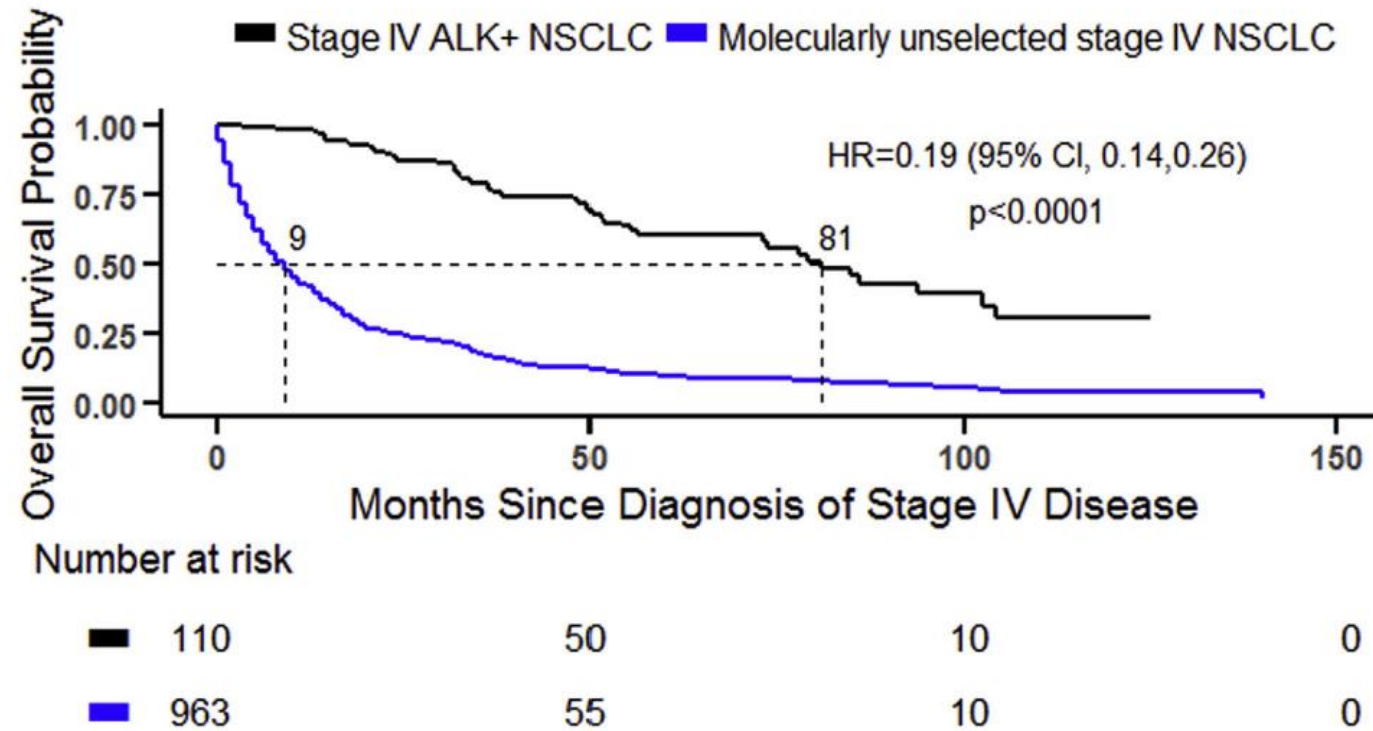
## J-ALEX



## ALEX



# 1L ALK inhibitors: the real impact on OS



*[N=110 patients with ALK-positive NSCLC compared with all patients with NSCLC diagnosed at University of Colorado Cancer Center between 2004 and November 2017]*

- Overall survival
- Progression free survival
- CNS activity
- Safety
- TKI sequencing
- Resistance mechanisms and biology

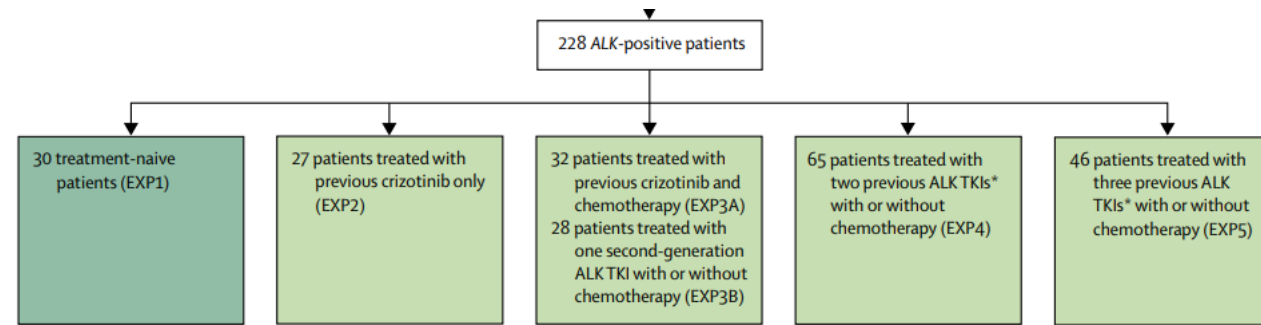
# 1L ALK inhibitors: CNS activity

|                                                               | ALTA-1L         |             | ALEX          |               | eXalt3     |            |
|---------------------------------------------------------------|-----------------|-------------|---------------|---------------|------------|------------|
|                                                               | Brigatinib      | Crizotinib  | Alectinib     | Crizotinib    | Ensartinib | Crizotinib |
| Patients with any brain mets at baseline, n                   | 47              | 49          | 64            | 58            | 11         | 19         |
| Confirmed IC-ORR, %                                           | 66              | 14          | 59            | 26            | 64         | 21         |
| Complete IC response, %                                       | 45              | 2           | 45            | 9             | 27         | 10.5       |
| Median IC-DoR (95% CI), months                                | 27.1(16.9-42.6) | 9.2(3.9-NR) | NE(17.3-NE)   | 3.7(3.2-6.8)  | -          | -          |
| Patients with at least 1 measurable brain mets at baseline, n | 18              | 23          | 22            | 21            | 11         | 19         |
| Confirmed IC-ORR, %                                           | 78              | 26          | 81            | 50            | 64         | 21         |
| Complete IC response, %                                       | 28              | 0           | 38            | 5             | 27         | 10.5       |
| Median IC-DoR (95% CI), months                                | 27.9(16.9-42.8) | 9.2(3.9-NE) | 17.3(14.8-NE) | 5.5(2.1-17.3) | -          | -          |

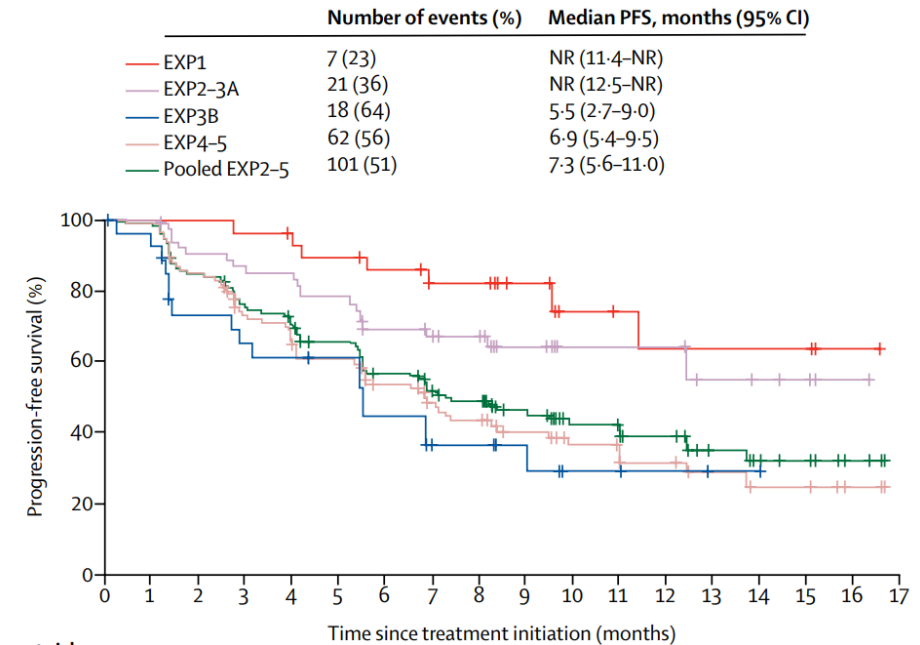
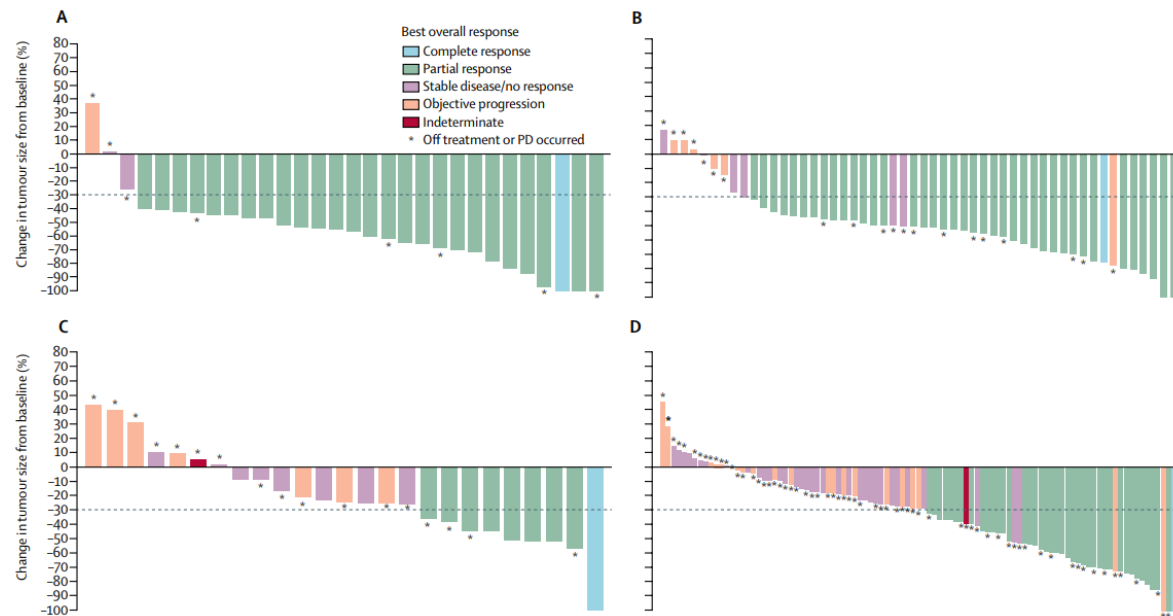
# 1L ALK inhibitors: safety profile

| Drug<br>(dose)                                                        | Serious TRAEs                                      | TRAE leading to dose reduction (% pts)             | TRAE leading to drug discontinuation (% pts)      | TRAEs more common in study drug vs. crizotinib                                                                    | Ref.                                                                           |
|-----------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| <b>Alectinib</b><br>(600mg po twice/day)                              | <u>Alectinib</u> = 28%<br><u>Crizotinib</u> = 29%  | <u>Alectinib</u> = 16%<br><u>Crizotinib</u> = 21%  | <u>Alectinib</u> = 11%<br><u>Crizotinib</u> = 13% | Anemia<br>Myalgia<br>Increased Bilirubin<br>Increased weight<br>Musculoskeletal pain<br>Photosensitivity reaction | <u>Initial Publication:</u><br>Peters et al. <i>NEJM</i> 377;9<br>08/31/2017   |
| <b>Brigatinib</b><br>(90mg po / day x 7 days,<br>then 180mg po / day) | <u>Brigatinib</u> = 28%<br><u>Crizotinib</u> = 29% | <u>Brigatinib</u> = 28%<br><u>Crizotinib</u> = 29% | <u>Brigatinib</u> = 12%<br><u>Crizotinib</u> = 9% | Increased CK<br>Cough<br>Hypertension<br>Increased Lipase<br>Early onset ILD/pneumonitis                          | <u>Initial Publication:</u><br>Camidge et al. <i>NEJM</i> 379;21<br>11/22/2018 |
| <b>Ensartinib</b><br>(225 mg po / day)                                | <u>Ensartinib</u> = 24%<br><u>Crizotinib</u> = 20% | <u>Ensartinib</u> = 24%<br><u>Crizotinib</u> = 20% | <u>Ensartinib</u> = 9%<br><u>Crizotinib</u> = 7%  | Rash<br>-- all grade ~70%, grade 1/2 ~60%<br>Pruritis<br>Pyrexia                                                  | Horn L et al.<br>IASLC WCLC 08/08/2020                                         |

# 1L ALK inhibitors: TKI sequencing – role of 3rd gen Lorlatinib in ALK-inh pretreated

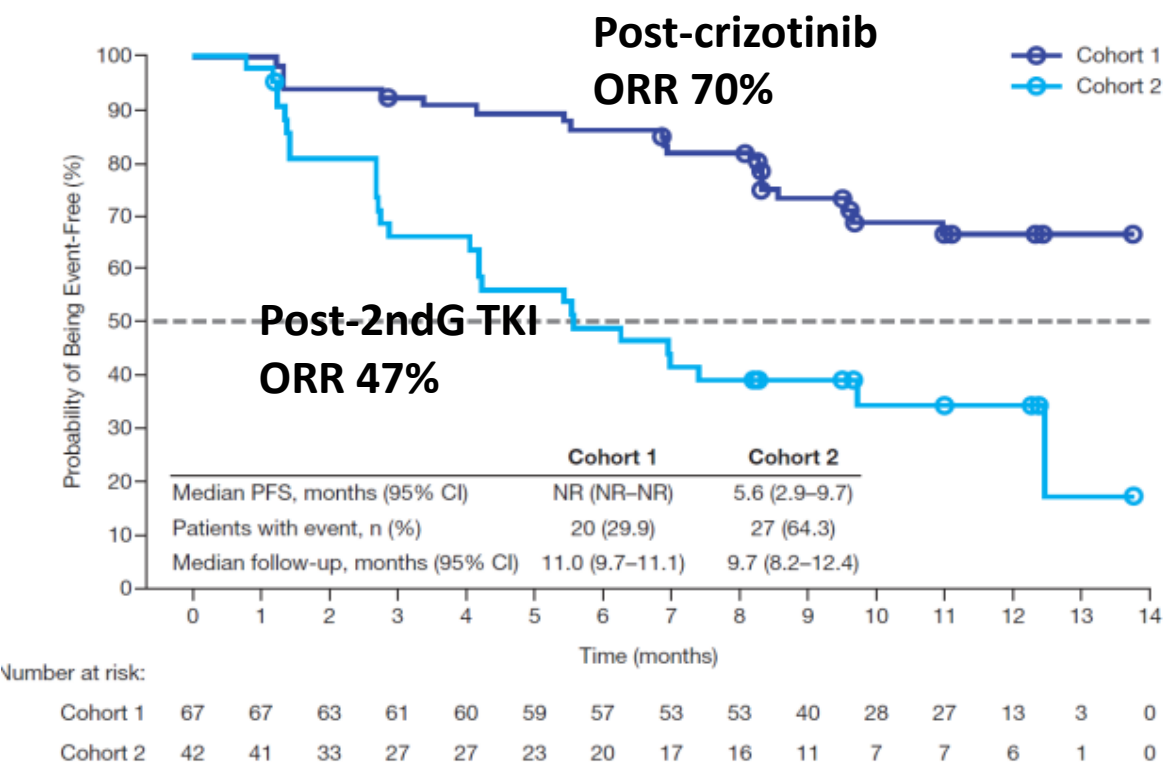


**Pooled EXP2-5 (up to 3 ALK-Is) ORR 50% mPFS 7.3 mos**

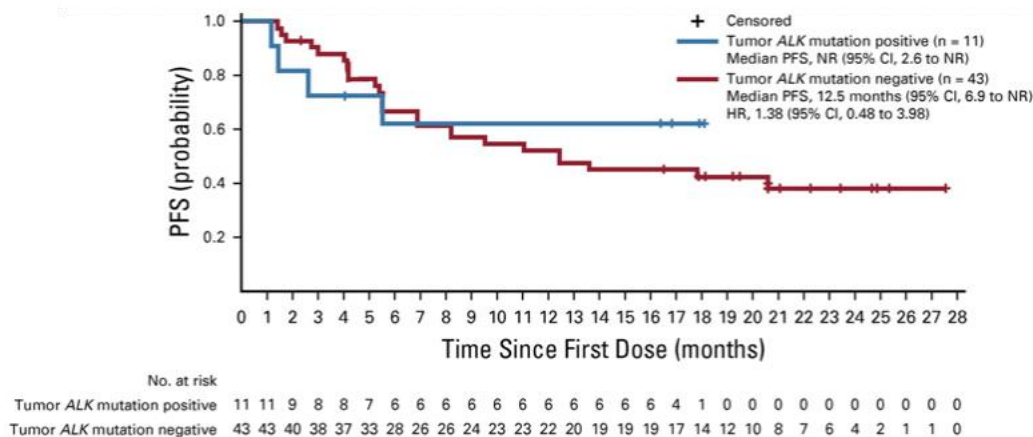


1L ALK inhibitors: TKI sequencing – Lorlatinib in ALK-inh pretreated according to prev TKI

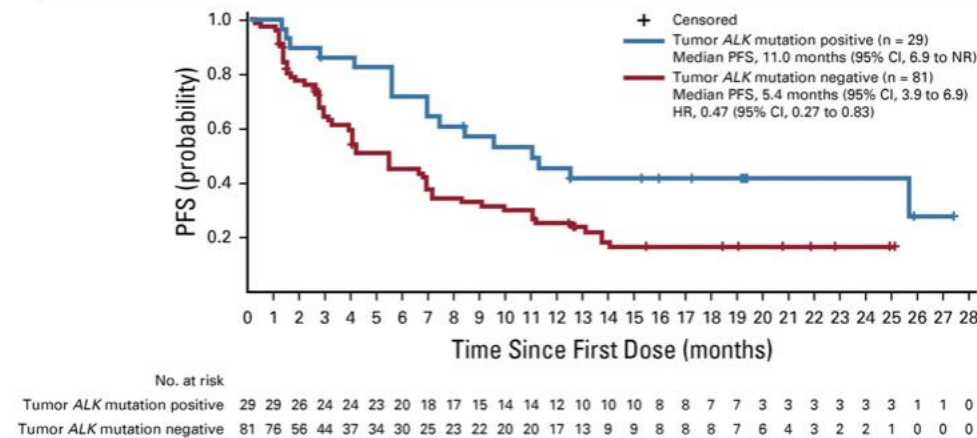
Phase 2 study in Chinese population



Phase 2 registrational study

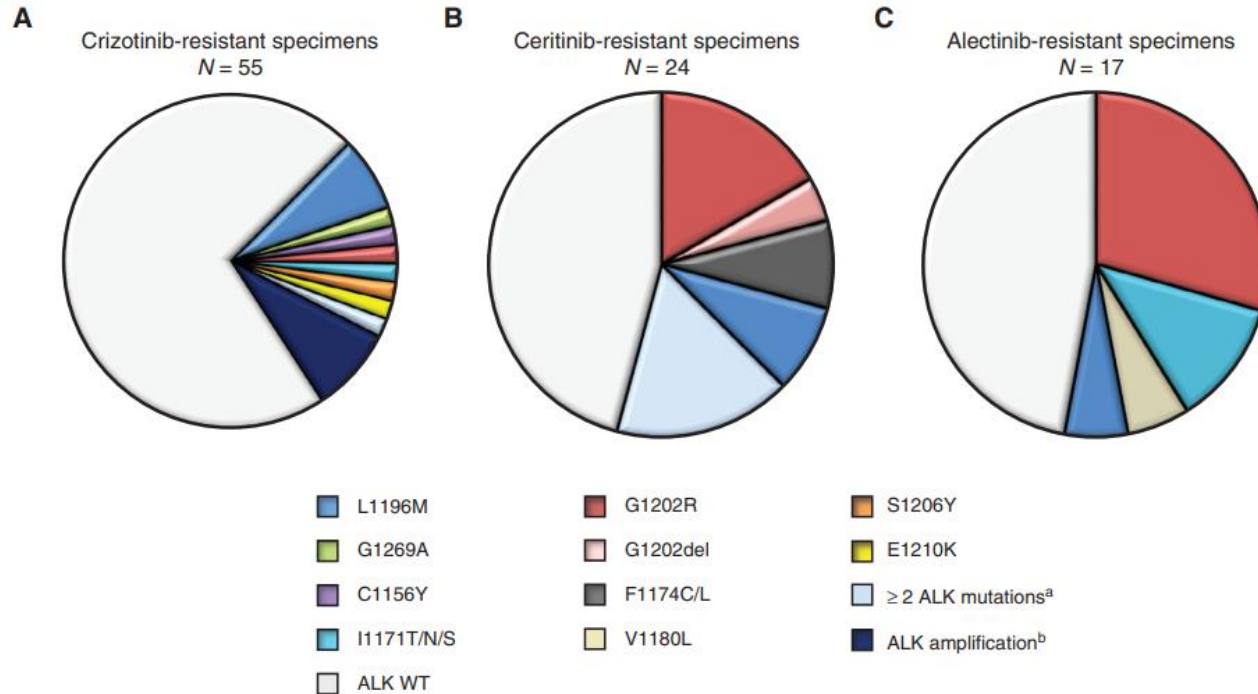


Lorl post crizo: no impact of ALK mut present/absent

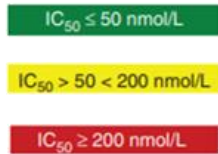


Lorl post 2nd gen TKI: impact of ALK mut present/absent

# 1L ALK inhibitors: Resistance mechanisms – *on-target*



| Mutation status                | Cellular ALK phosphorylation mean IC <sub>50</sub> (nmol/L) |                   |                   |            |            |
|--------------------------------|-------------------------------------------------------------|-------------------|-------------------|------------|------------|
|                                | Crizotinib                                                  | Ceritinib         | Alectinib         | Brigatinib | Lorlatinib |
| Parental Ba/F3                 | 763.9                                                       | 885.7             | 890.1             | 2774.0     | 11293.8    |
| <i>EML4</i> -ALK V1            | 38.6                                                        | 4.9               | 11.4              | 10.7       | 2.3        |
| <i>EML4</i> -ALK C1156Y        | 61.9                                                        | 5.3               | 11.6              | 4.5        | 4.6        |
| <i>EML4</i> -ALK I1171N        | 130.1                                                       | 8.2               | 397.7             | 26.1       | 49.0       |
| <i>EML4</i> -ALK I1171S        | 94.1                                                        | 3.8               | 177.0             | 17.8       | 30.4       |
| <i>EML4</i> -ALK I1171T        | 51.4                                                        | 1.7               | 33.6 <sup>a</sup> | 6.1        | 11.5       |
| <i>EML4</i> -ALK F1174C        | 115.0                                                       | 38.0 <sup>a</sup> | 27.0              | 18.0       | 8.0        |
| <i>EML4</i> -ALK L1196M        | 339.0                                                       | 9.3               | 117.6             | 26.5       | 34.0       |
| <i>EML4</i> -ALK L1198F        | 0.4                                                         | 196.2             | 42.3              | 13.9       | 14.8       |
| <i>EML4</i> -ALK G1202R        | 381.6                                                       | 124.4             | 706.6             | 129.5      | 49.9       |
| <i>EML4</i> -ALK G1202del      | 58.4                                                        | 50.1              | 58.8              | 95.8       | 5.2        |
| <i>EML4</i> -ALK D1203N        | 116.3                                                       | 35.3              | 27.9              | 34.6       | 11.1       |
| <i>EML4</i> -ALK E1210K        | 42.8                                                        | 5.8               | 31.6              | 24.0       | 1.7        |
| <i>EML4</i> -ALK G1269A        | 117.0                                                       | 0.4               | 25.0              | ND         | 10.0       |
| <i>EML4</i> -ALK D1203N+F1174C | 338.8                                                       | 237.8             | 75.1              | 123.4      | 69.8       |
| <i>EML4</i> -ALK D1203N+E1210K | 153.0                                                       | 97.8              | 82.8              | 136.0      | 26.6       |



# 1L ALK inhibitors: Resistance mechanisms – *on-target* by *EML4-ALK* variant

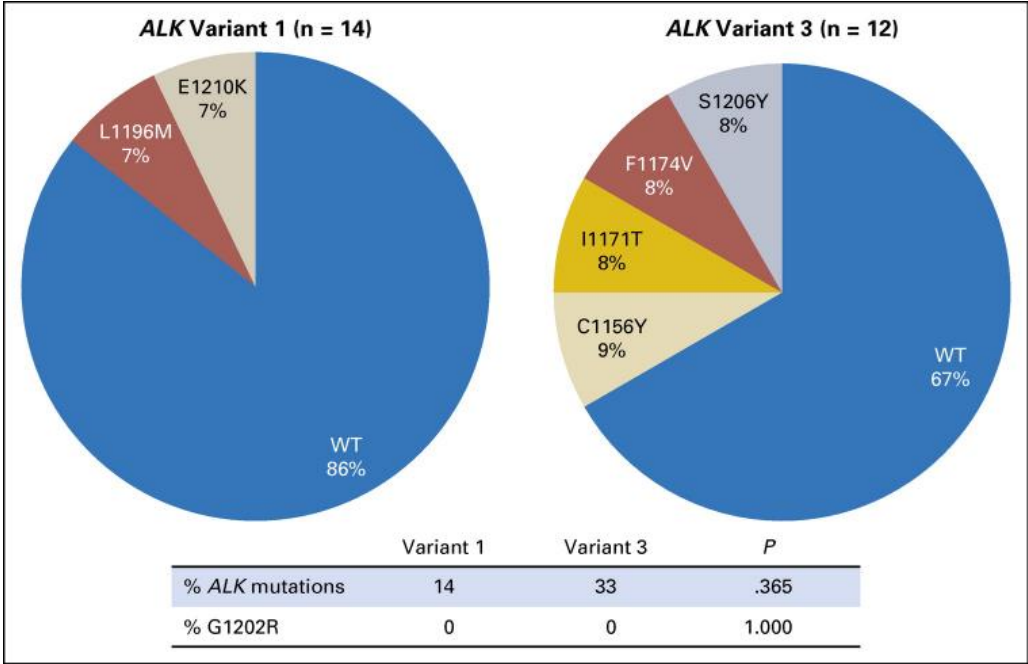


Fig 4. Distribution of ALK resistance mutations in tumor biopsy specimens obtained after disease progression on crizotinib by EML4-ALK variant. WT, wild-type ALK.

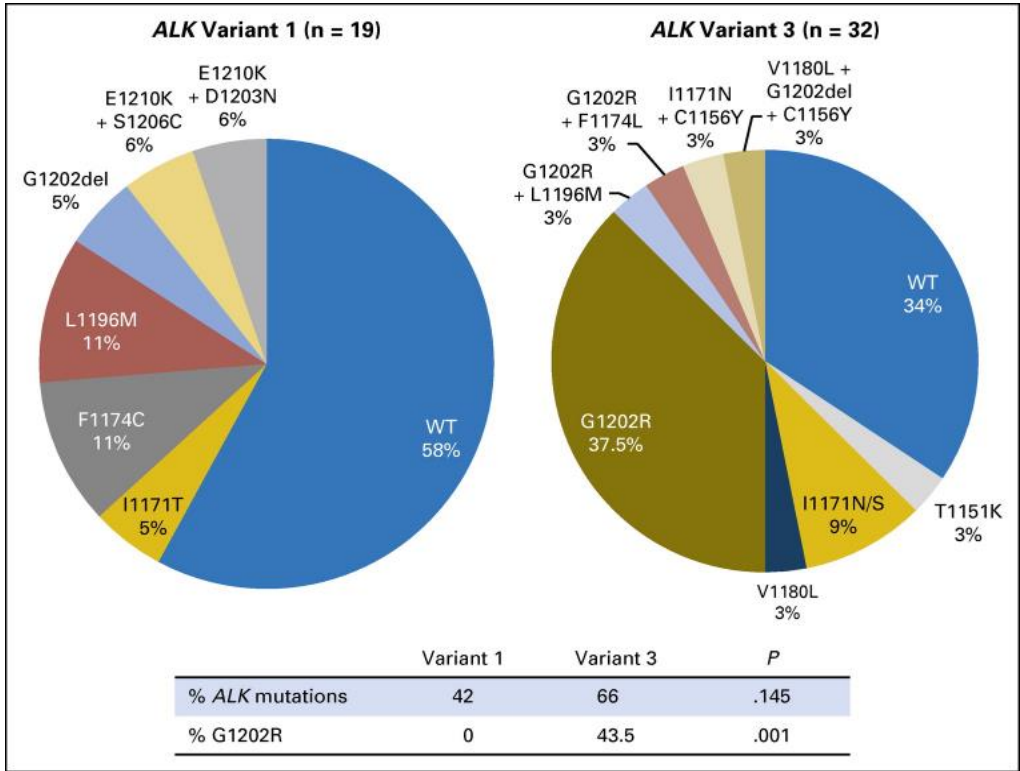
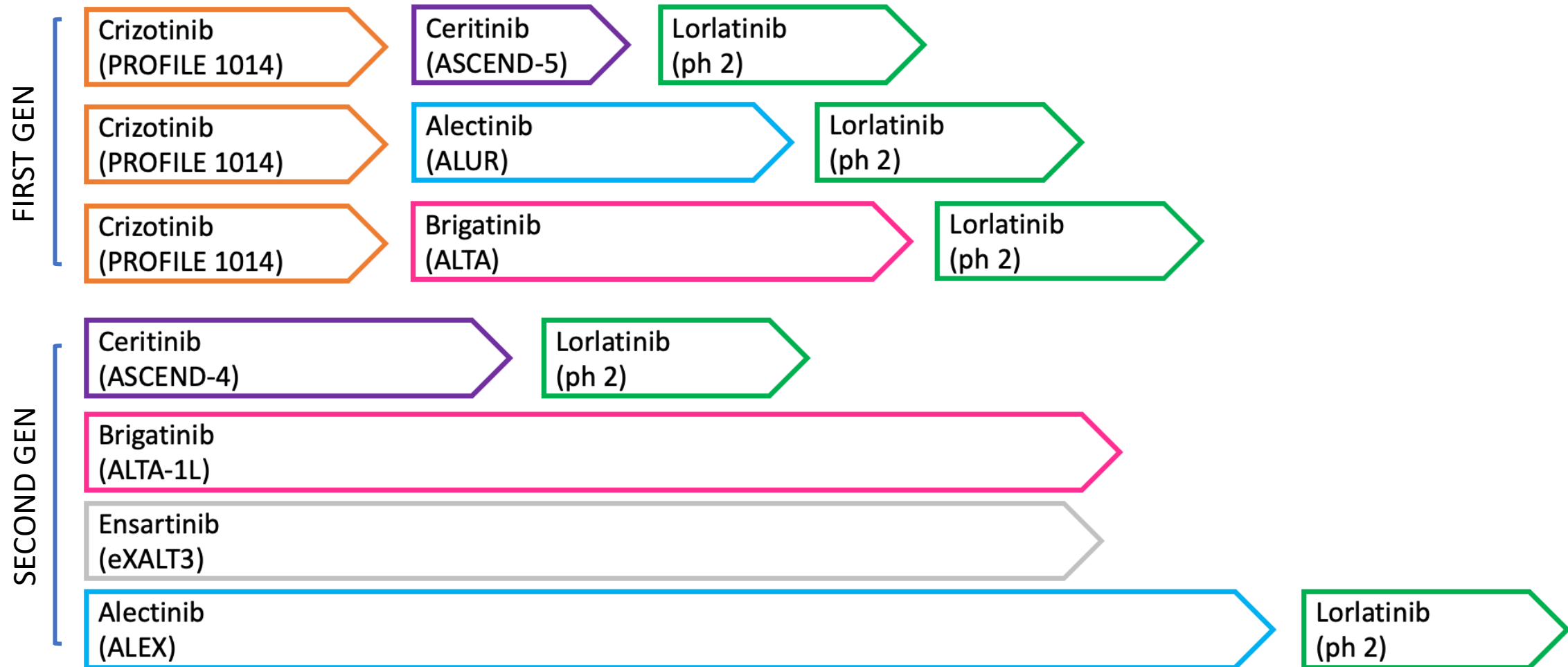


Fig 3. Distribution of ALK resistance mutations in tumor biopsy specimens obtained after disease progression on a second-generation ALK inhibitor by EML4-ALK variant. WT, wild-type (nonmutated) ALK.

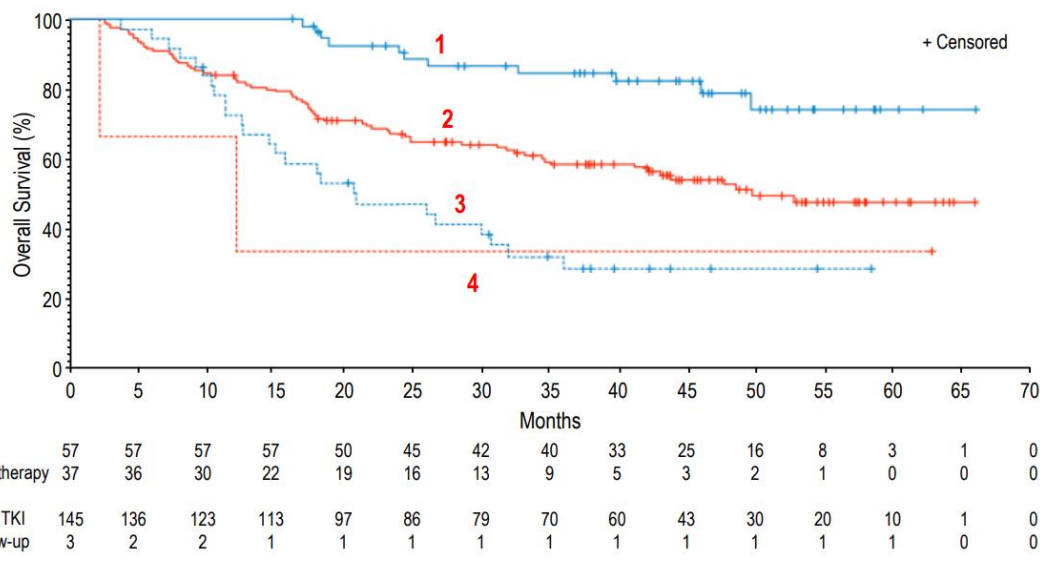
# 1L ALK inhibitors: TKI sequencing



# 1L ALK inhibitors: TKI sequencing – where is the room for chemotherapy?

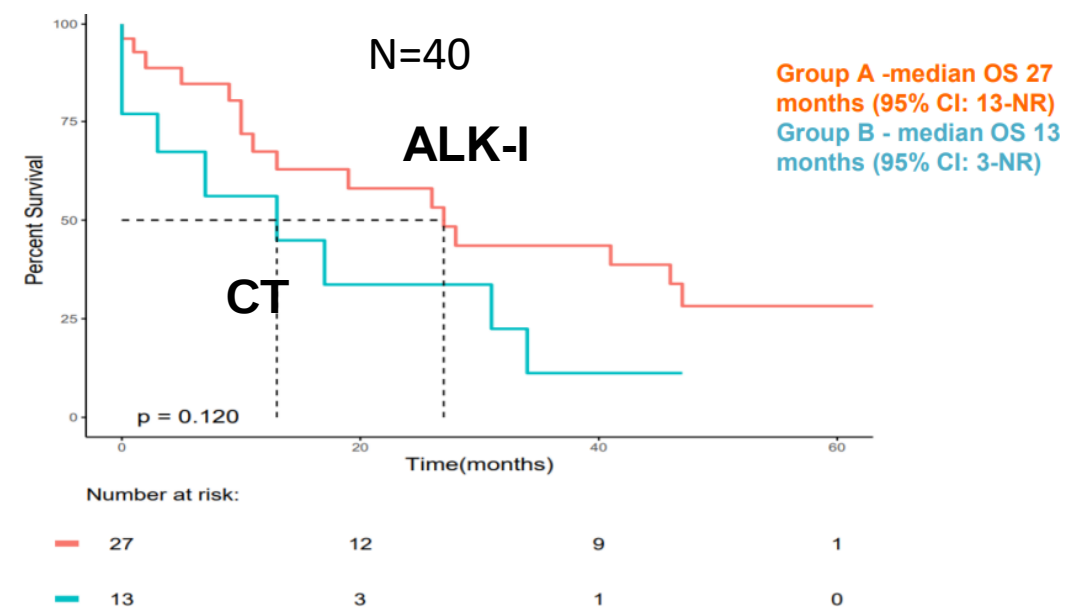
## PROFILE1014

### Impact of Subsequent Therapy on OS: ALK TKI versus Treatment Other Than ALK TKI



## REAL-WORLD

OS from initiation of third-line of interest of ALK + patients according to the treatment given; further ALKi (group A) or chemotherapy (group B)



...KEEP IT AS THE LAST OPTION

# ALK-positive NSCLC in 2022: The CROWN

## Key eligibility criteria

- Stage IIIB/IV ALK+ NSCLC
- No prior systemic treatment for metastatic disease
- ECOG PS 0-2
- Asymptomatic treated or untreated CNS metastases were permitted
- $\geq 1$  extracranial measurable target lesion (RECIST 1.1) with no prior radiation required

Randomized  
1:1  
N=296

Lorlatinib 100 mg QD  
n=149

## Stratified by:

- Presence of brain metastases (yes vs no)
- Ethnicity (Asian vs non-Asian)

Crizotinib 250 mg BID  
n=147

## Primary endpoint

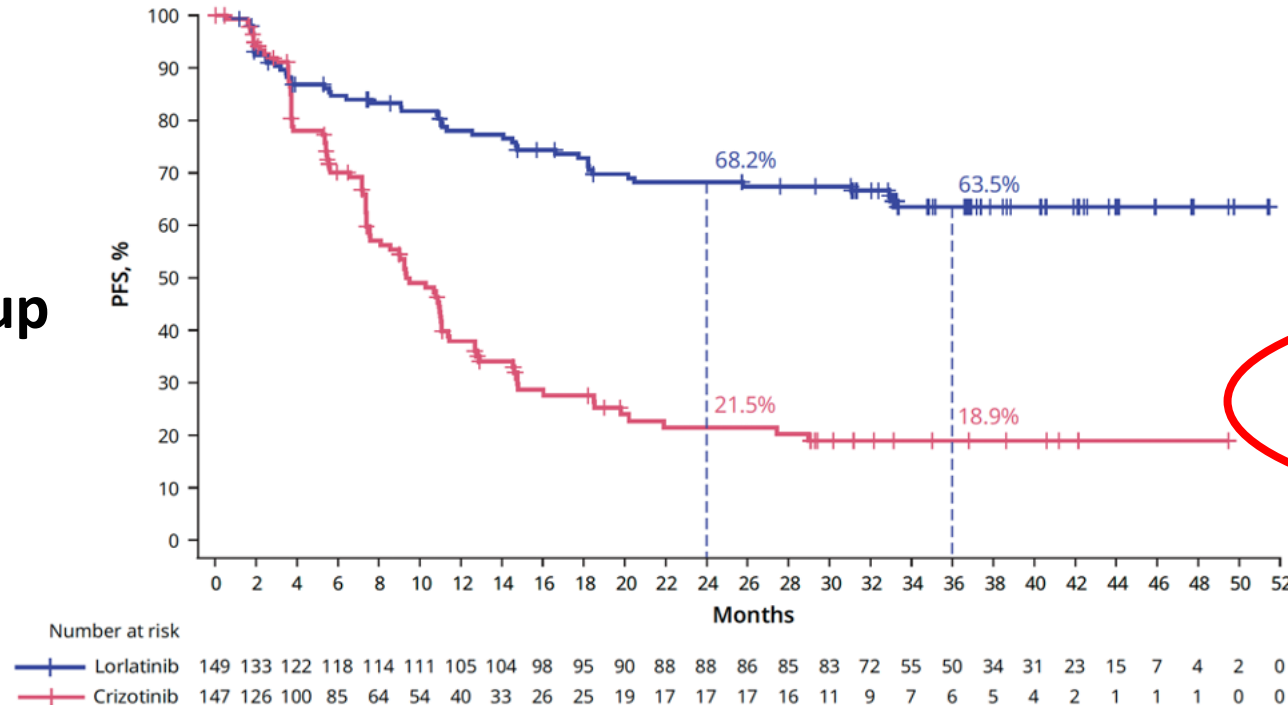
- PFS<sup>a</sup> by BICR

## Secondary endpoints

- Overall survival
- PFS by investigator
- ORR by BICR and investigator
- DOR, IC ORR, and IC DOR by BICR
- IC TTP by BICR
- TTR and IC TTR by BICR
- Safety
- Quality of life

## A. ITT population

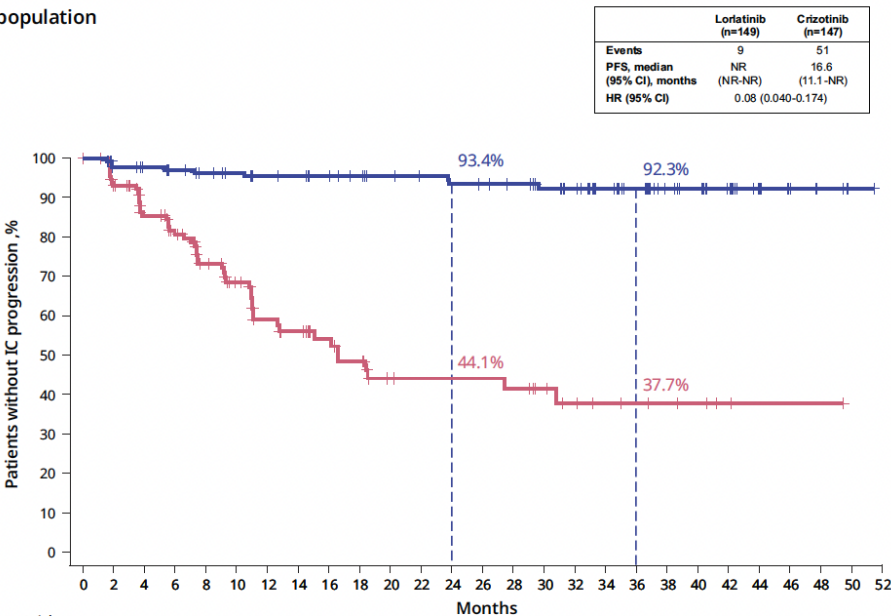
3-y follow up



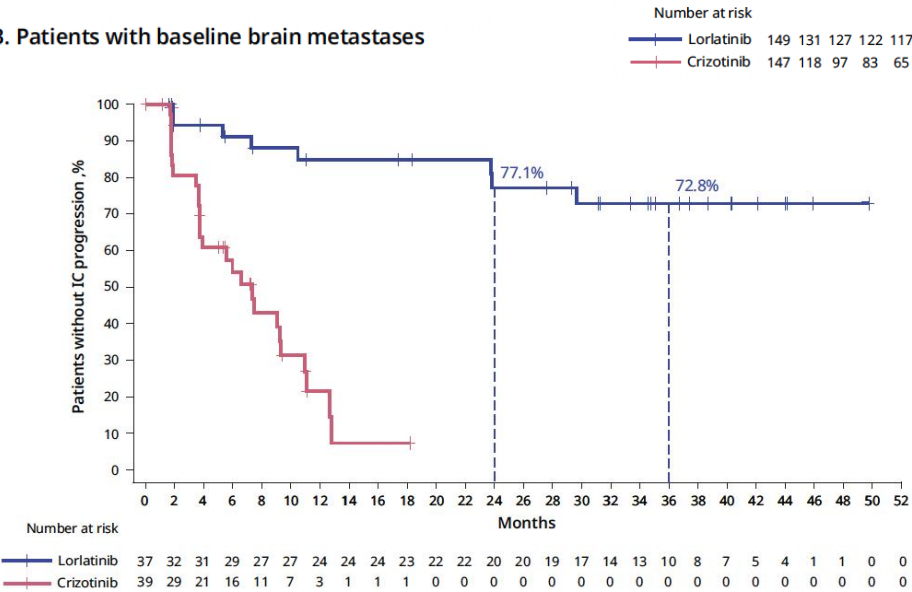
|                                 | Lorlatinib<br>(n=149) | Crizotinib<br>(n=147) |
|---------------------------------|-----------------------|-----------------------|
| Events                          | 49                    | 92                    |
| PFS, median<br>(95% CI), months | NR<br>(NR-NR)         | 9.3<br>(7.6-11.1)     |
| HR (95% CI)                     | 0.27 (0.184-0.388)    |                       |

# 1L Lorlatinib in ALK+ NSCLC: IC progression

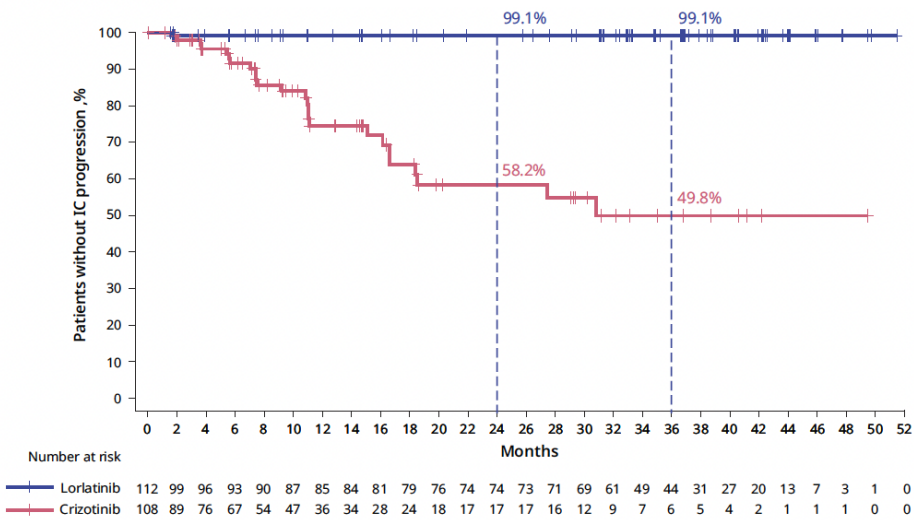
A. ITT population



B. Patients with baseline brain metastases



C. Patients without baseline brain metastases



# 1L ALK inhibitors: CNS activity

|                                                               | ALTA-1L         |             | ALEX          |               | eXalt3     |            | CROWN      |                |
|---------------------------------------------------------------|-----------------|-------------|---------------|---------------|------------|------------|------------|----------------|
|                                                               | Brigatinib      | Crizotinib  | Alectinib     | Crizotinib    | Ensartinib | Crizotinib | Lorlatinib | Crizotinib     |
| Patients with any brain mets at baseline, n                   | 47              | 49          | 64            | 58            | 11         | 19         | 37         | 39             |
| Confirmed IC-ORR, %                                           | 66              | 14          | 59            | 26            | 64         | 21         | 64.9       | 17.9           |
| Complete IC response, %                                       | 45              | 2           | 45            | 9             | 27         | 10.5       | 59.5       | 12.8           |
| Median IC-DoR (95% CI), months                                | 27.1(16.9-42.6) | 9.2(3.9-NR) | NE(17.3-NE)   | 3.7(3.2-6.8)  | -          | -          | NR(NR-NR)  | 9.4 (6.0-11.1) |
| Patients with at least 1 measurable brain mets at baseline, n | 18              | 23          | 22            | 21            | 11         | 19         | 18         | 13             |
| Confirmed IC-ORR, %                                           | 78              | 26          | 81            | 50            | 64         | 21         | 83.3       | 23.1           |
| Complete IC response, %                                       | 28              | 0           | 38            | 5             | 27         | 10.5       | 72.2       | 7.7            |
| Median IC-DoR (95% CI), months                                | 27.9(16.9-42.8) | 9.2(3.9-NE) | 17.3(14.8-NE) | 5.5(2.1-17.3) | -          | -          | NR(NR-NR)  | 10.2(9.4-11.1) |

# 1L ALK inhibitors: safety profile

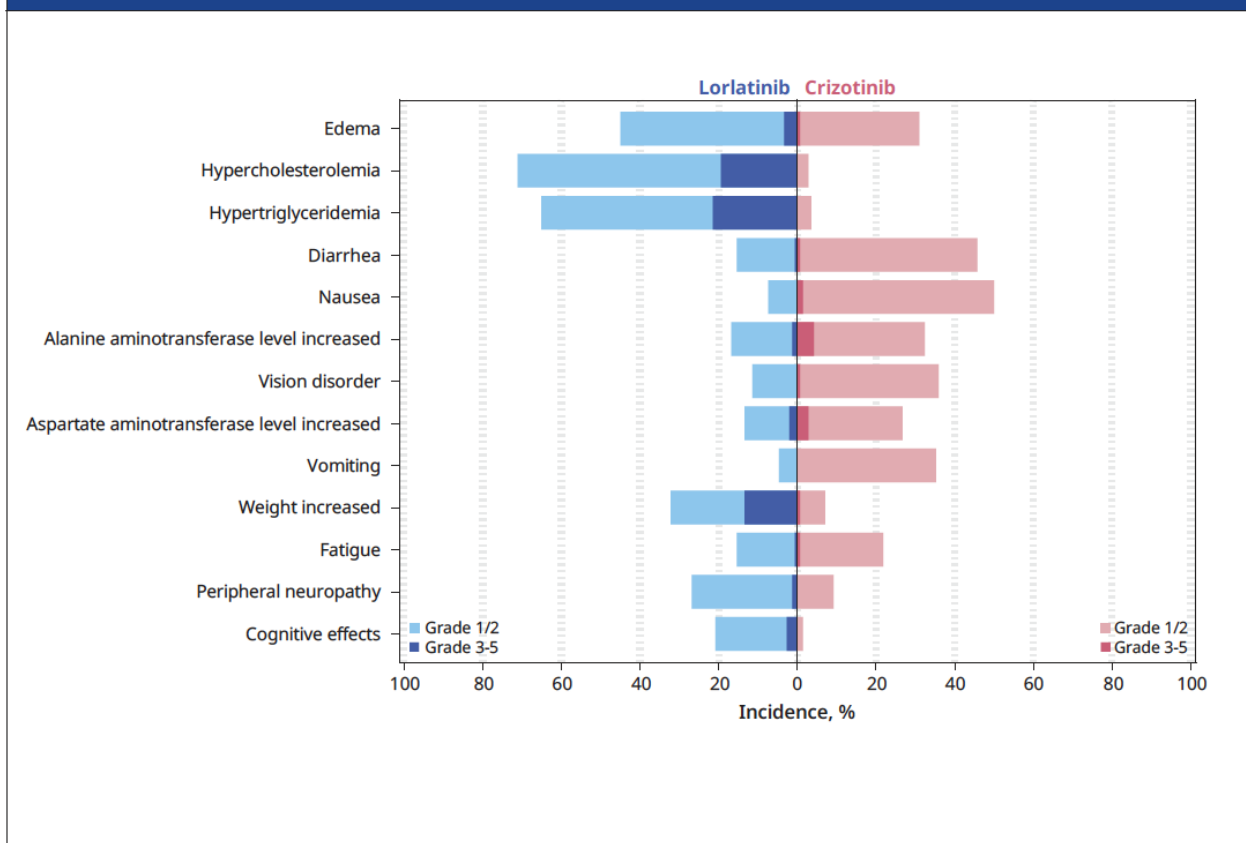
Table 2: Summary of AEs

|                                                    | n (%)                 |                       |
|----------------------------------------------------|-----------------------|-----------------------|
|                                                    | Lorlatinib<br>(n=149) | Crizotinib<br>(n=142) |
| Any-grade AE                                       | 149 (100.0)           | 140 (98.6)            |
| Treatment related                                  | 145 (97.3)            | 133 (93.7)            |
| Grade 3/4 AE                                       | 113 (75.8)            | 81 (57.0)             |
| Treatment related                                  | 94 (63.1)             | 54 (38.0)             |
| Death                                              | 10 (6.7)              | 7 (4.9)               |
| Treatment related                                  | 2 (1.3)               | 0                     |
| Any serious AE                                     | 57 (38.3)             | 44 (31.0)             |
| Treatment related                                  | 13 (8.7)              | 9 (6.3)               |
| AEs leading to dose reduction                      | 32 (21.5)             | 21 (14.8)             |
| AEs leading to temporary discontinuations          | 84 (56.4)             | 69 (48.6)             |
| AEs leading to permanent treatment discontinuation | 11 (7.4)              | 14 (9.9)              |

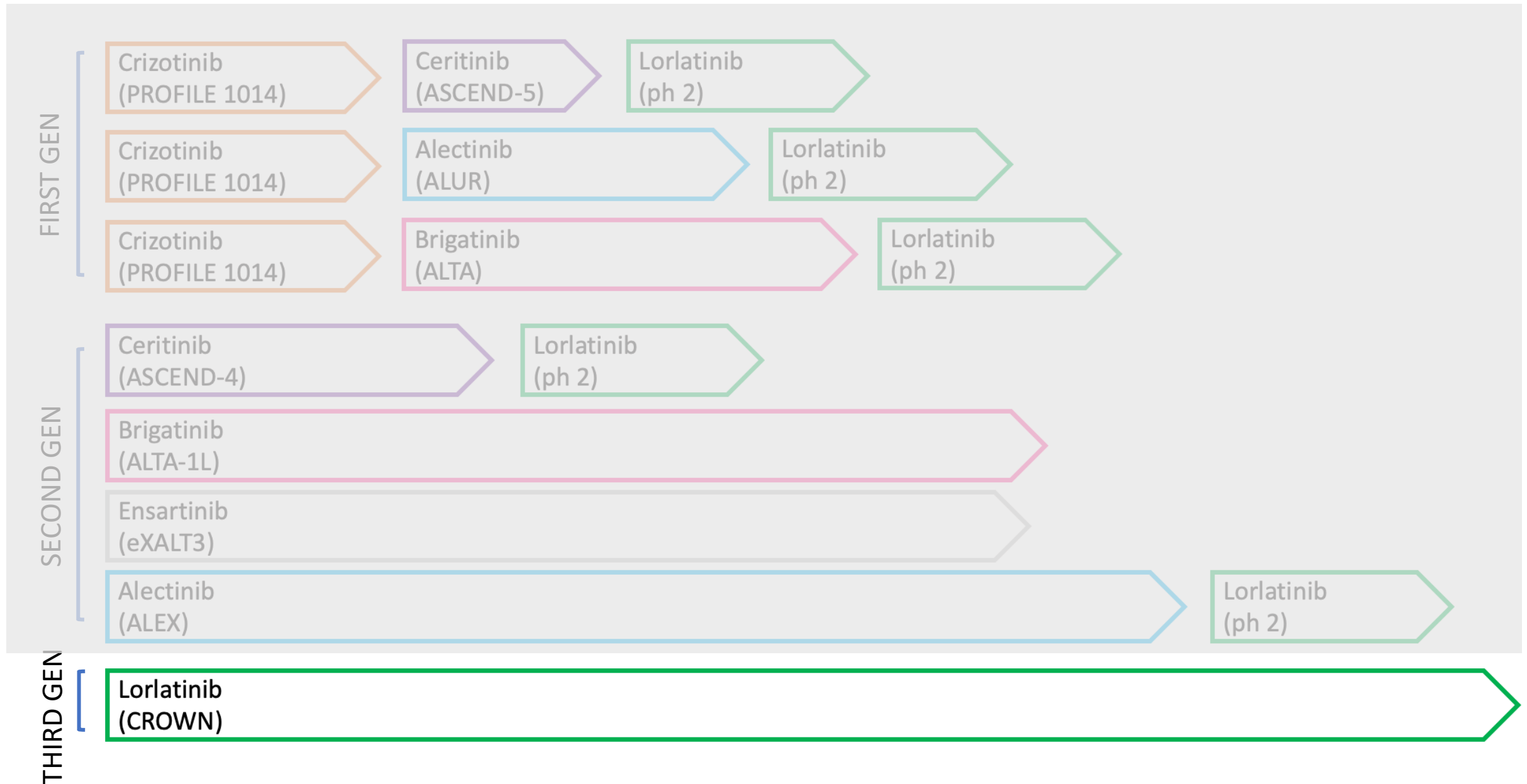
–The incidence of treatment-related grade 3/4 AEs in the lorlatinib arm was largely due to frequent occurrence of altered lipid levels such as hypercholesterolemia and hypertriglyceridemia (**Figure 4**)

- Treatment-related cognitive effects occurred in 20.8% of patients in the lorlatinib arm; however, most (27 of 31) cognitive effects were grade 1/2 and no grade 4 event was observed
- AEs leading to permanent treatment discontinuation were reported in 7.4% of patients in the lorlatinib arm and 9.9% in the crizotinib arm

Figure 4: Any-grade treatment-related AEs in ≥20% of patients within either treatment arm



# 1L ALK inhibitors: TKI sequencing

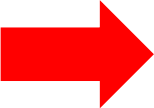




Agenzia Italiana  
del Farmaco

Se

Lorlatinib come monoterapia è indicato per il trattamento di pazienti adulti affetti da cancro del polmone non a piccole cellule (Non-small Cell Lung Cancer, NSCLC) in stadio avanzato positivo per la chinasi del linfoma anaplastico (Alk) la cui malattia è PROGREDITA dopo:

- 
- **Alectinib o ceritinib** come terapia di prima linea con un inibitore della tirosin chinasi (TKI) ALK;
  - Oppure **crizotinib e almeno un altro TKI ALK**

## 1L treatment of ALK+ NSCLC: how to improve? – TESTING

ALEX: 39 pts FISH neg

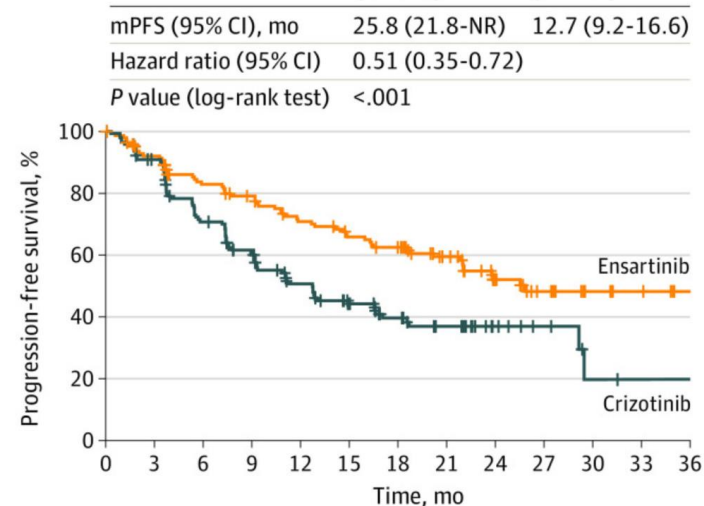
eXALT3: 43 pts excluded by central FISH testing in mITT

**Table 3. Objective Response Rate According to *ALK* Status (Response-Assessable Population)**

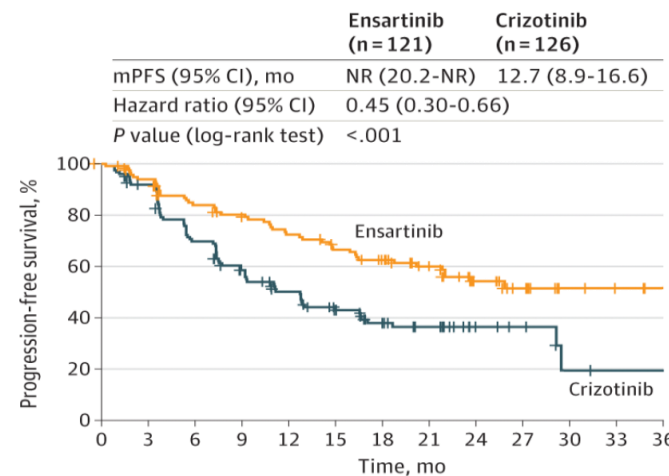
| ORR                                                  | Alectinib | Crizotinib | Stratified OR (95% CI) |
|------------------------------------------------------|-----------|------------|------------------------|
| ALK IHC-positive and FISH-positive                   | n = 106   | n = 97     | —                      |
| ORR, n (%)                                           | 96 (90.6) | 79 (81.4)  | 2.22 (0.97-5.07)       |
| CR                                                   | 6 (5.7)   | 3 (3.1)    | —                      |
| PR                                                   | 90 (84.9) | 76 (78.4)  | —                      |
| SD                                                   | 4 (3.8)   | 14 (14.4)  | —                      |
| PD                                                   | 2 (1.9)   | 3 (3.1)    | —                      |
| Missing or unassessable                              | 4 (3.8)   | 1 (1.0)    | —                      |
| ALK IHC-positive and FISH-uninformative <sup>a</sup> | n = 25    | n = 36     | —                      |
| ORR, n (%)                                           | 24 (96.0) | 27 (75.0)  | 9.29 (1.05-81.88)      |
| CR                                                   | 0         | 0          | —                      |
| PR                                                   | 24 (96.0) | 27 (75.0)  | —                      |
| SD                                                   | 0         | 5 (13.9)   | —                      |
| PD                                                   | 0         | 3 (8.3)    | —                      |
| Missing or unassessable                              | 1 (4.0)   | 1 (2.8)    | —                      |
| ALK IHC-positive and FISH-negative                   | n = 21    | n = 18     | —                      |
| ORR, n (%)                                           | 6 (28.6)  | 8 (44.4)   | 0.45 (0.12-1.74)       |
| CR                                                   | 1 (4.8)   | 0          | —                      |
| PR                                                   | 5 (23.8)  | 8 (44.4)   | —                      |
| SD                                                   | 5 (23.8)  | 5 (27.8)   | —                      |
| PD                                                   | 6 (28.6)  | 4 (22.2)   | —                      |
| Missing or unassessable                              | 4 (19.0)  | 1 (5.6)    | —                      |

Table 4. Duration of Response According to ALK Status (Response-Assessable Population)

| DoR                                                  | Alectinib                      | Crizotinib      |
|------------------------------------------------------|--------------------------------|-----------------|
| ALK IHC-positive and FISH-positive                   | n = 106                        | n = 97          |
| Median DoR, mo (95% CI)                              | 33.1 (31.3-NE)                 | 11.1 (7.4-14.7) |
| Stratified HR (95% CI)                               | 0.34 (0.22-0.53), $p < 0.0001$ |                 |
| ALK IHC-positive and FISH-uninformative <sup>a</sup> | n = 25                         | n = 36          |
| Median DoR, mo (95% CI)                              | 26.1 (9.4-NE)                  | 9.1 (6.6-12.9)  |
| Stratified HR (95% CI)                               | 0.37 (0.17-0.80), $p = 0.0007$ |                 |
| ALK IHC-positive and FISH-negative                   | n = 21                         | n = 18          |
| Median DoR, mo (95% CI)                              | NE (NE)                        | NE (7.4-NE)     |
| Stratified HR (95% CI)                               | 0.24 (0.02-2.62), $p = 0.2181$ |                 |

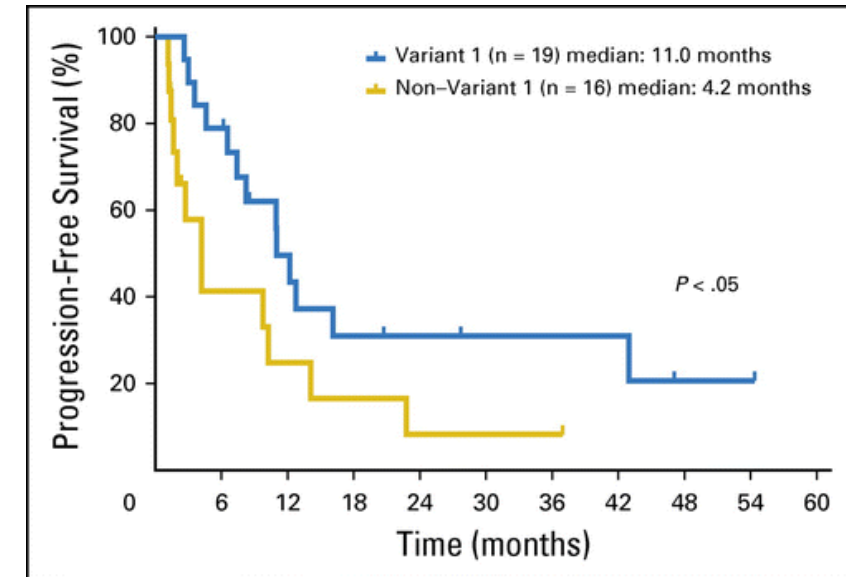
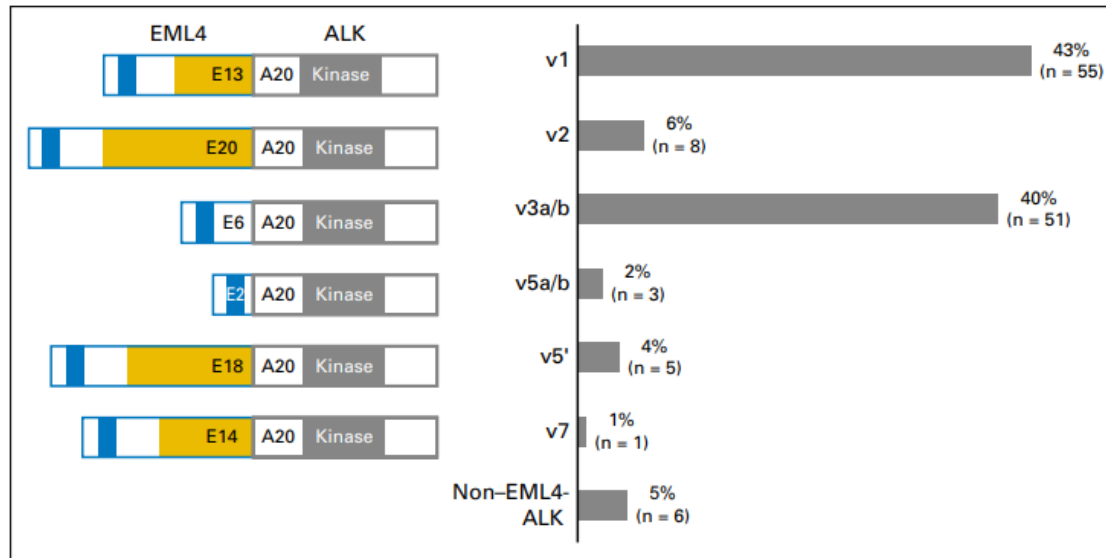


**A** PFS in the mITT population



|             |     |     |    |    |    |    |    |    |    |    |   |   |   |
|-------------|-----|-----|----|----|----|----|----|----|----|----|---|---|---|
| No. at risk |     |     |    |    |    |    |    |    |    |    |   |   |   |
| Ensitinib   | 121 | 107 | 90 | 84 | 75 | 67 | 61 | 45 | 24 | 16 | 6 | 4 | 1 |
| Crizotinib  | 126 | 109 | 82 | 66 | 50 | 38 | 28 | 20 | 9  | 6  | 2 | 1 | 1 |

# 1L treatment of ALK+ NSCLC: how to improve? – Role of *ALK* variants



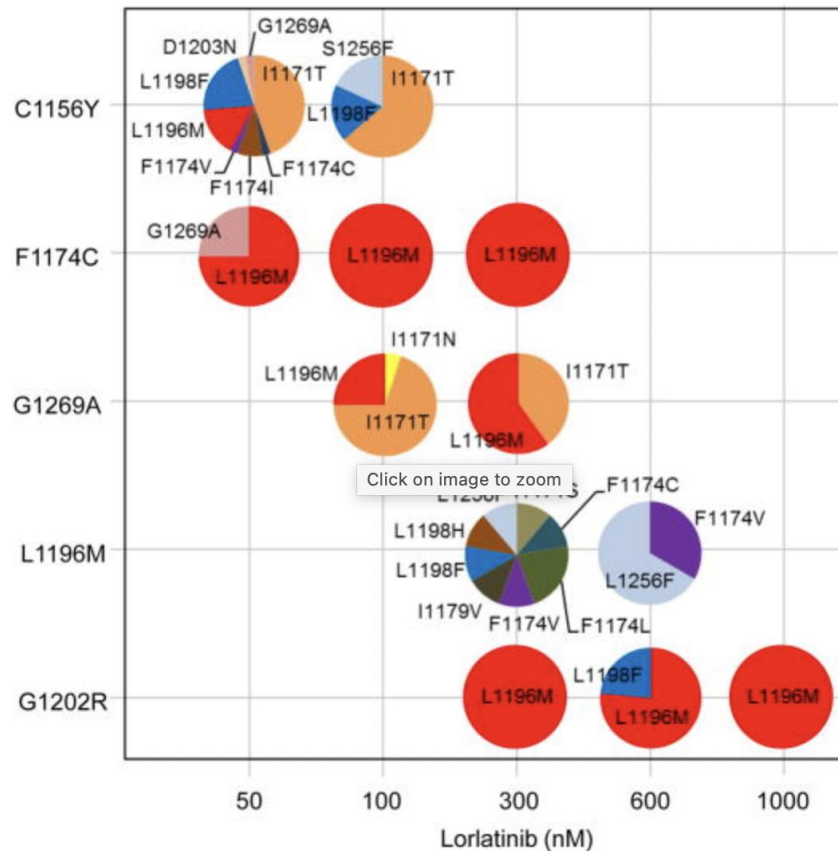
## ALTA-1L

- Efficacy of brigatinib in pts with V1, V2, V3 (plasma NGS, n=250 pts):  
ORR higher in all three variants  
mPFS 29 m V1, 16 m V2 and V3

## ALEX

- EMLA4-ALK variants were detectable in 135/222 patient plasma samples and 124/203 tissue samples (NGS):  
PFS was longer for alectinib than for crizotinib across EML4-ALK V1,V2 V3

# 1L treatment of ALK+ NSCLC: Lorlatinib resistance



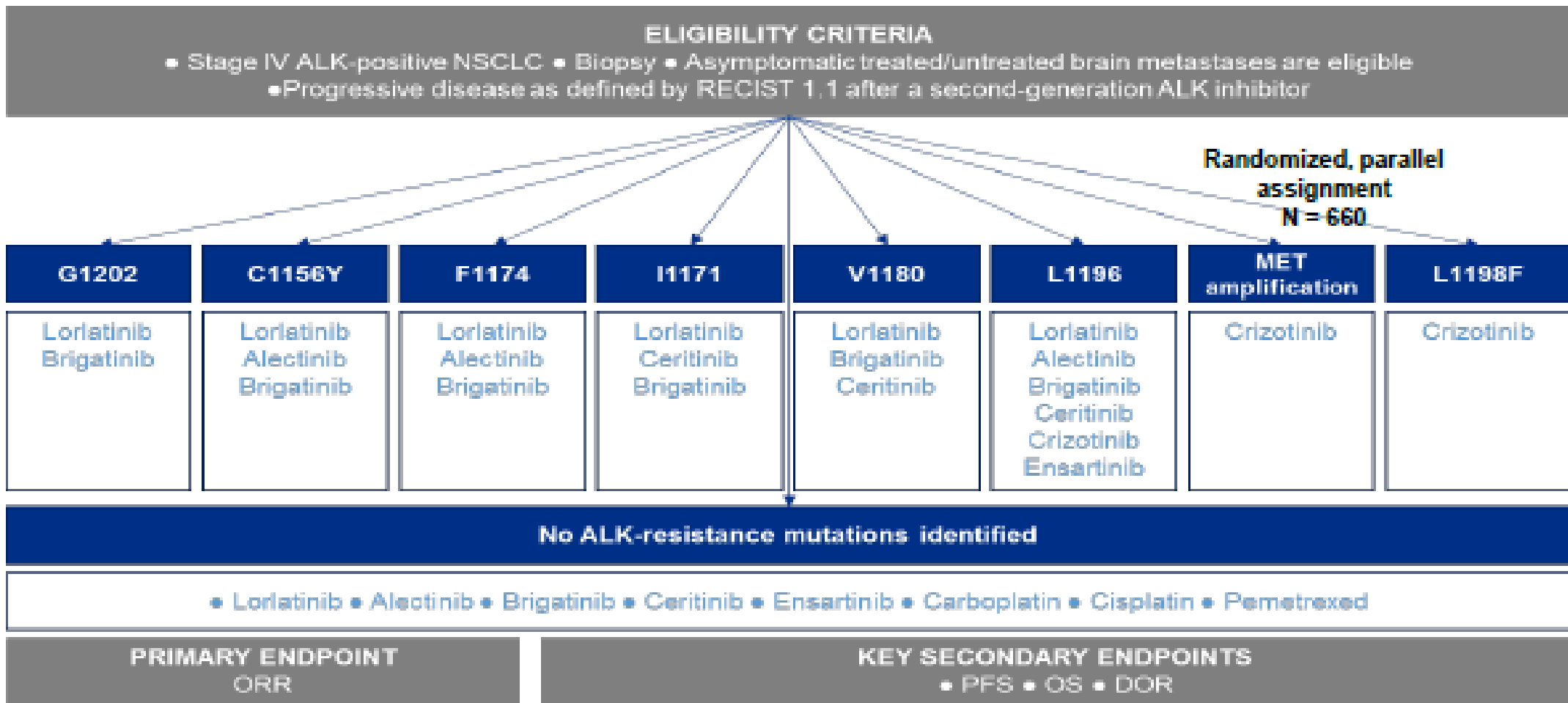
## Acquired sequential resistance mutations

- More frequent ALK compound mutations after lorlatinib than after second gen TKIs (48% vs 23%)
- Plasma samples more informative to detect compound mutations (24% vs 2% in tissue samples)

→ New compounds in development to target ALK compound mutations

# 1L treatment of ALK+ NSCLC: how to improve? – the *ALK MASTER Protocol*

A Phase II study biomarker-driven protocol for previously treated ALK-positive NSCLC patients



# 1L treatment of ALK+ NSCLC: how to improve? – *combos*

## Immune Checkpoint Inhibitors + ALK TKI

| Trial                                                             | Drugs                       | Cohort              | ORR<br>(dose exp)                  | Gr ≥ 3 TRAE<br>(safety & dose exp)                                         |
|-------------------------------------------------------------------|-----------------------------|---------------------|------------------------------------|----------------------------------------------------------------------------|
| Checkmate 370<br>(NCT02574078)<br>Spigel D et al.<br>JTO 2018; 13 | Crizotinib<br>Nivolumab     | ALK+ /<br>TKI naïve | 38%                                | 62%<br>- 38% hepatitis (15% gr 5)<br>- 7% pneumonitis                      |
| NCT0251184<br>Patel S et al.<br>Oncologist 2020;25                | Crizotinib<br>Pembrolizumab | ALK+ /<br>TKI naïve | Terminated early<br>9 pts enrolled | - 3/9 pts with grade 3 transaminitis<br>- 1/9 pts with grade 4 pneumonitis |

## VEGFR inhibitors + ALK TKI

| Target | Drug                                                                                   | Trial                      |
|--------|----------------------------------------------------------------------------------------|----------------------------|
| VEGF-A | Bevacizumab (+ Alectinib)<br>Bevacizumab (+Atezolizumab<br>+ Carboplatin + Paclitaxel) | NCT02521051<br>NCT03991403 |

## Targeted Therapies + ALK TKI

| Target  | Drug                                                                              | Trial                                                                    |
|---------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| MEK     | Combimetinib (+alectinib)<br>Trametinib (+ceritinib)<br>Binimetinib (+lorlatinib) | NCT03202940<br>NCT03087448<br>NCT04292119                                |
| HSP90   | Ganetespib (+crizotinib)<br>AUY922 (+ceritinib)                                   | NCT01579994<br>NCT01772797                                               |
| CDK 4/6 | Ribociclib (+ceritinib)                                                           | NCT02292550                                                              |
| MET     | Crizotinib (+lorlatinib)                                                          | NCT04292119                                                              |
| SHP2    | TNO155                                                                            | NCT03114319 – phase 1 includes<br>EGFR and KRAS<br>(ALK hopefully soon?) |

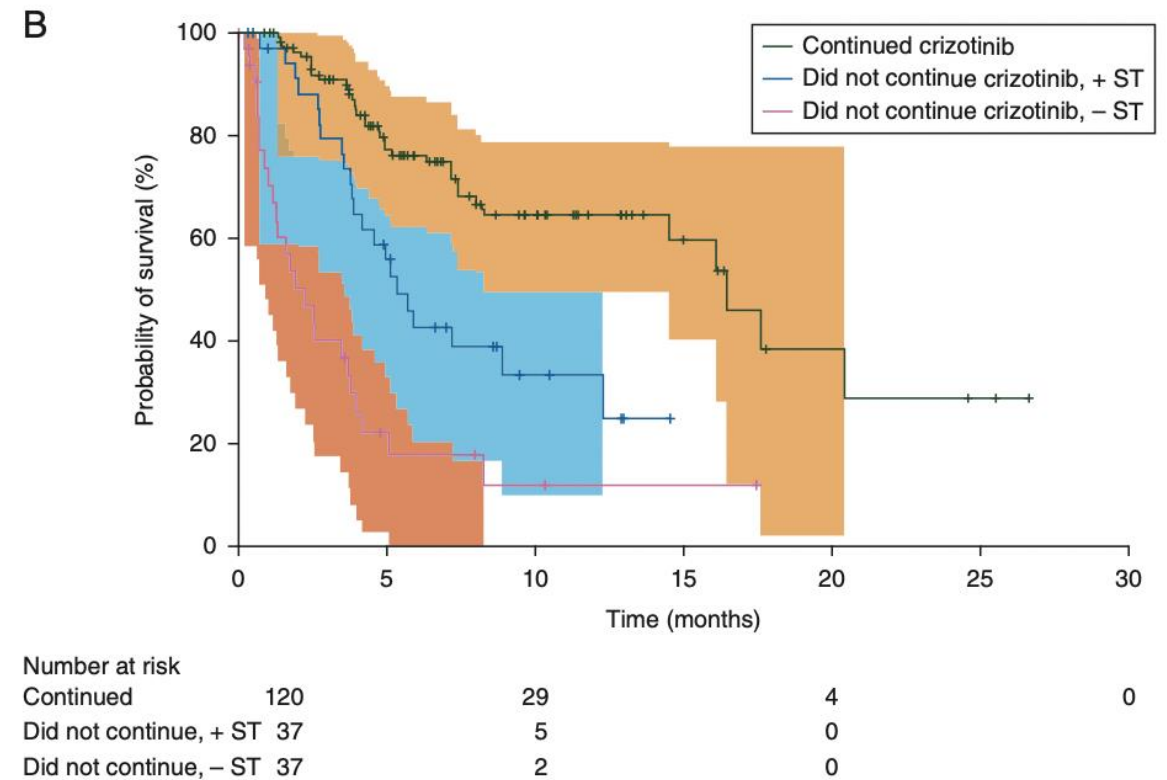
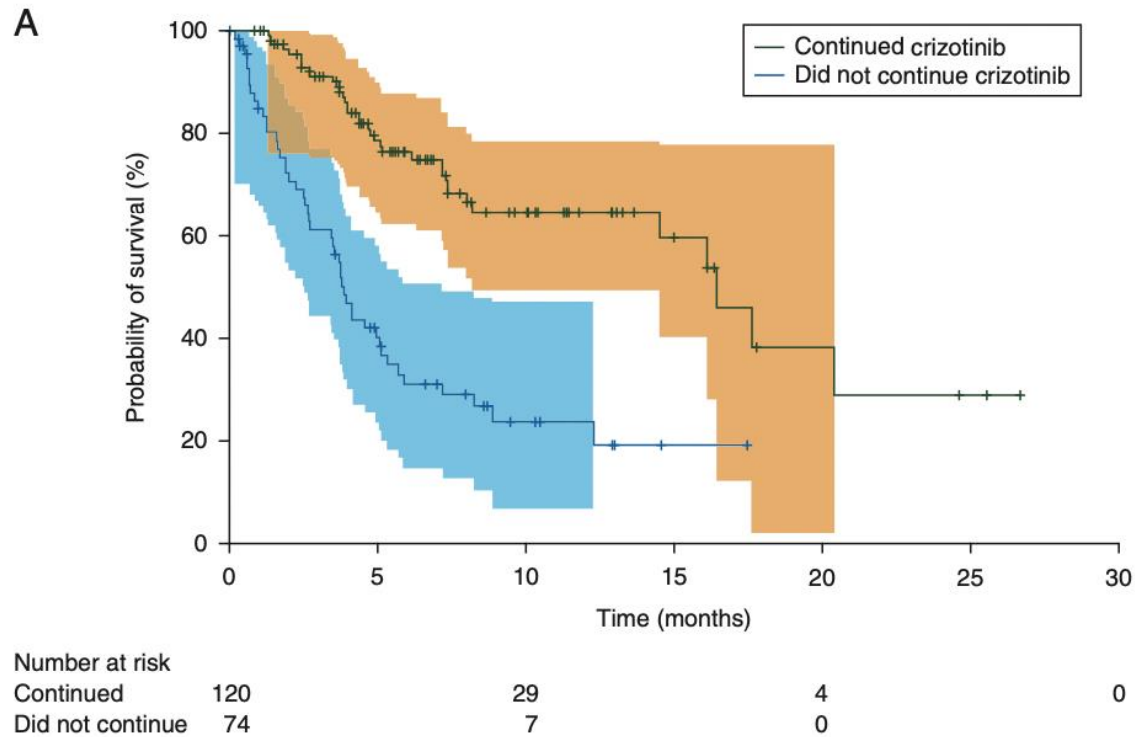
## Chemotherapy + ALK TKI

*\* This slide is not a comprehensive list of all studies \**

...Not yet the time for combos

# 1L treatment of ALK+ NSCLC: do not forget the basements

## Treatment beyond progression & Locoregional approaches



- ALK rearranged NSCLC: to date our favourite story
- Current treatment landscape include 1L second/third gen ALK TKIs
- Lorlatinib PFS results (CROWN trial) might revert the current TKI sequencing approach
- Treatment selection: duration of benefit, CNS activity, toxicity profile/long-term side effects
- Patients' selection at disease progression: patterns of relapse, resistance mechanisms