

**Additional file**

**Article title:** Larotinib in Patients with Advanced and Previously Treated Esophageal Squamous Cell Carcinoma with Epidermal Growth Factor Receptor Overexpression or Amplification: An Open-Label, Multicenter Phase 1b Study

**Journal name:** Cancer Chemotherapy and Pharmacology

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## Additional file 4: Progression-free Survival and Overall Survival in Subgroups

Table S3 Progression-free survival and overall survival in subgroups

	250 mg	300 mg	350 mg	All
<b>All patients</b>	<b>n=3</b>	<b>n=25</b>	<b>n=53</b>	<b>n=81</b>
PFS, median (95% CI)	1.90 (1.40, -)	2.80 (1.50, 3.70)	3.40 (2.40, 3.70)	2.90 (2.10, 3.60)
OS, median (95% CI)	6.10 (1.40, -)	4.60 (2.90, 6.00)	8.00 (4.90, 10.20)	5.90 (4.60, 7.70)
<b>≥2 prior lines of therapy</b>	<b>n=1</b>	<b>n=12</b>	<b>n=37</b>	<b>n=50</b>
PFS, median (95% CI)	1.40	1.50 (1.10, 3.70)	3.40 (1.90, 3.70)	2.80 (1.90, 3.70)
OS, median (95% CI)	1.40	5.50 (1.20, 8.10)	7.10 (4.20, 10.50)	6.80 (4.60, 8.50)
<b>EGFR IHC staining 3+</b>	<b>n=3</b>	<b>n=23</b>	<b>n=51</b>	<b>n=77</b>
PFS, median (95% CI)	1.90 (1.40, -)	2.50 (1.40, 3.70)	3.60 (2.60, 3.70)	2.90 (2.10, 3.60)
OS, median (95% CI)	6.10 (1.40, -)	4.60 (2.90, 5.80)	8.00 (4.90, 10.50)	5.90 (4.60, 7.70)
<b>EGFR IHC staining 2+</b>	<b>n=0</b>	<b>n=2</b>	<b>n=2</b>	<b>n=4</b>
PFS, median (95% CI)	NA	3.35 (2.80, -)	1.90 (-, -)	2.35 (1.90, -)
OS, median (95% CI)	NA	6.20 (3.90, -)	5.85 (3.20, -)	6.20 (3.20, -)
<b>EGFR FISH positive</b>	<b>n=0</b>	<b>n=6</b>	<b>n=14</b>	<b>n=20</b>
PFS, median (95% CI)	NA	2.80 (1.20, -)	3.75 (1.90, 5.60)	3.70 (1.90, 5.50)
OS, median (95% CI)	NA	4.05 (1.20, -)	7.70 (3.70, 12.60)	5.85 (3.80, 8.50)
<b>EGFR FISH negative</b>	<b>n=0</b>	<b>n=6</b>	<b>n=14</b>	<b>n=20</b>
PFS, median (95% CI)	NA	2.80 (1.20, -)	3.75 (1.90, 5.60)	3.70 (1.90, 5.50)
OS, median (95% CI)	NA	4.05 (1.20, -)	7.70 (3.70, 12.60)	5.85 (3.80, 8.50)

Abbreviations: PFS, progression-free survival; OS, overall survival; CI, confidence interval; EGFR,

epidermal growth factor receptor; IHC, Immunohistochemistry; FISH, fluorescence in situ hybridization;

NA, not available.