

- (TNBC)  
+  
+ - :

ClinicalTrials.gov :  
+ - VS + -  
(IMpassion130).

2019 1 , 가  
IMpassion130 (NCT02425891) 3  
. IMpassion130  
F. Hoffmann-La Roche Ltd 가  
가

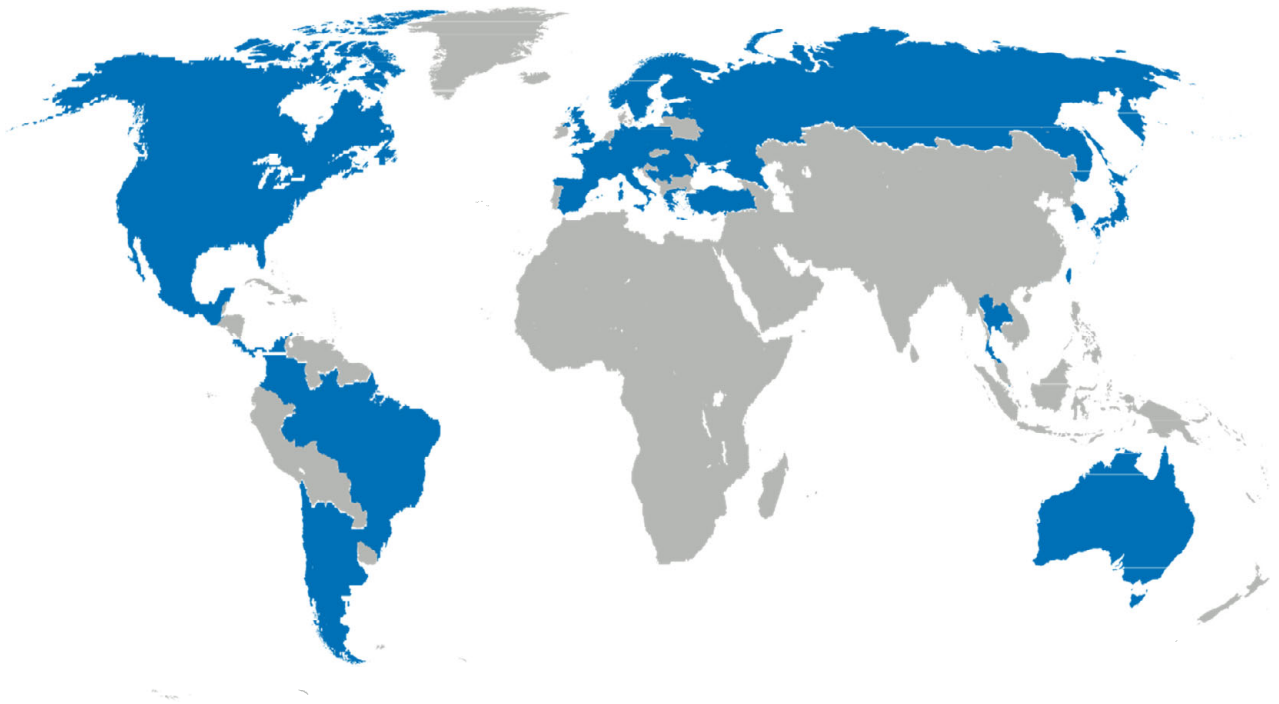
가?

(TNBC) 가 가 가 가  
TNBC , TNBC TNBC (HER2)  
TNBC TNBC TNBC  
3 - -  
) 가 ( TNBC

# 가 가?

2015 6 2018 4  
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- >18
- 가 , TNBC
- 가
- TNBC
- (ECOG PS 0-1)



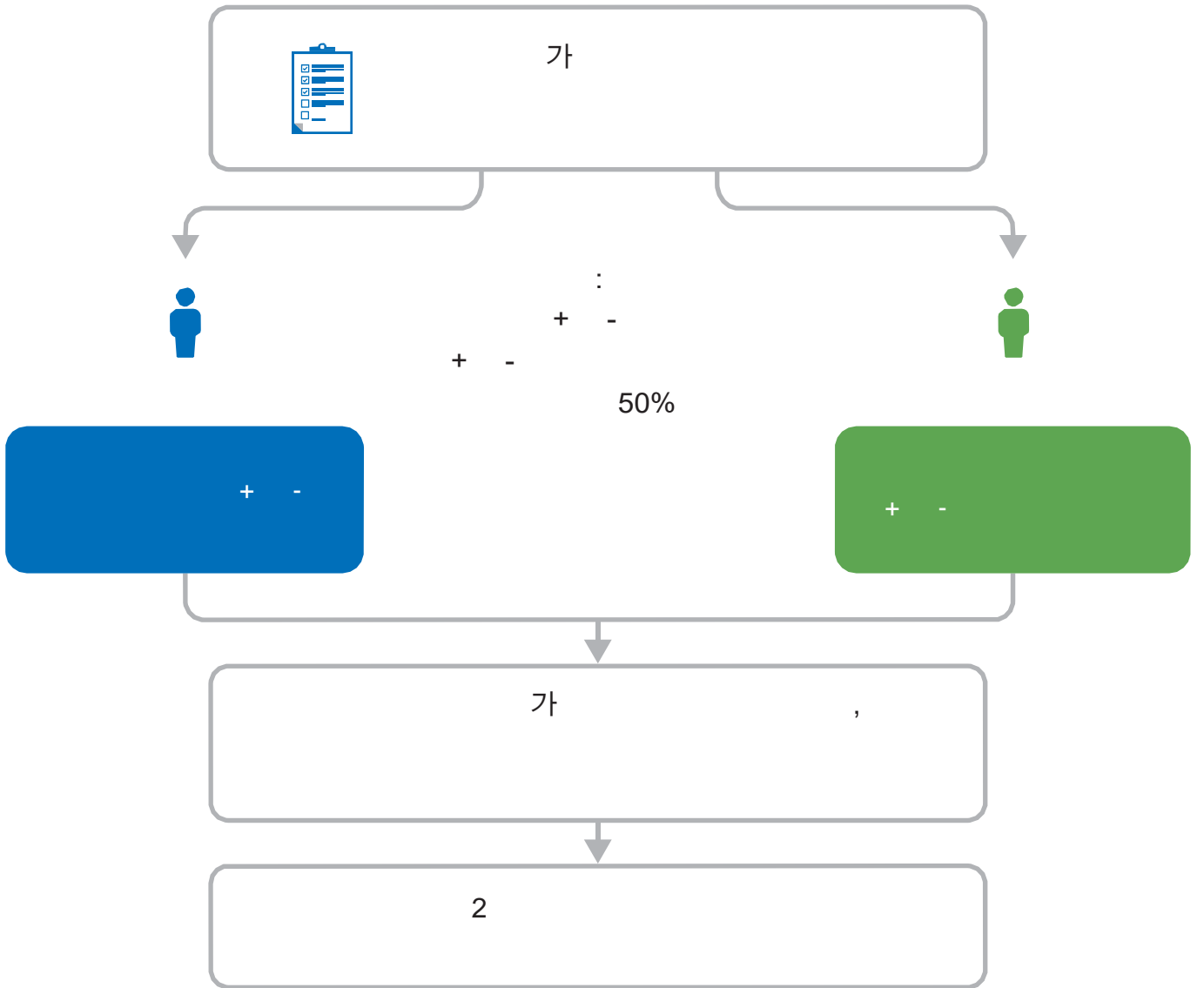
902

246

41

# 가?

( ) + - ( ) + -  
PD-L1  
가 PD-L1  
가





가 PD-L1

7~8

5

가 PD-L1



가?

IMpassion130  
TNBC

가

22

17~18

가

21-



가 PD-L1

25  
15~16

, + -  
. , + -  
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가 PD-L1



가 가?

, + -

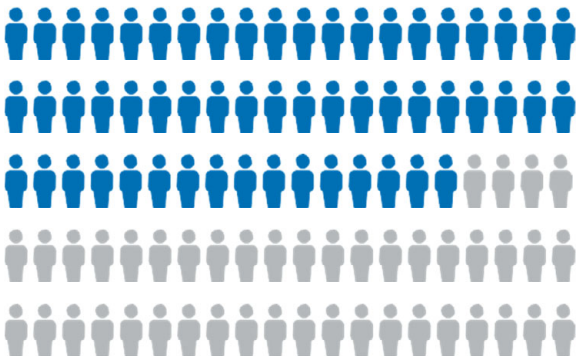
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+ -

, 59%가



+ 56%

가

+ -

가

, (56%)

, 46%가

PD-L1



+ - 46%

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가?

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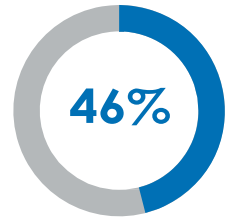
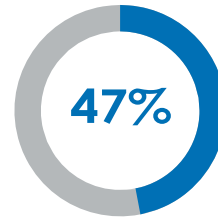
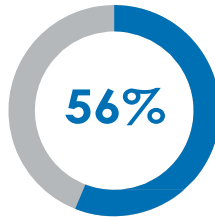
+ -

가

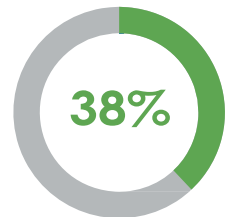
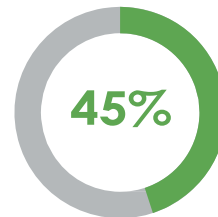
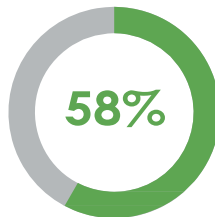
가

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80

+ -

103

(23%)

+ -

( ), ( )  
( ),

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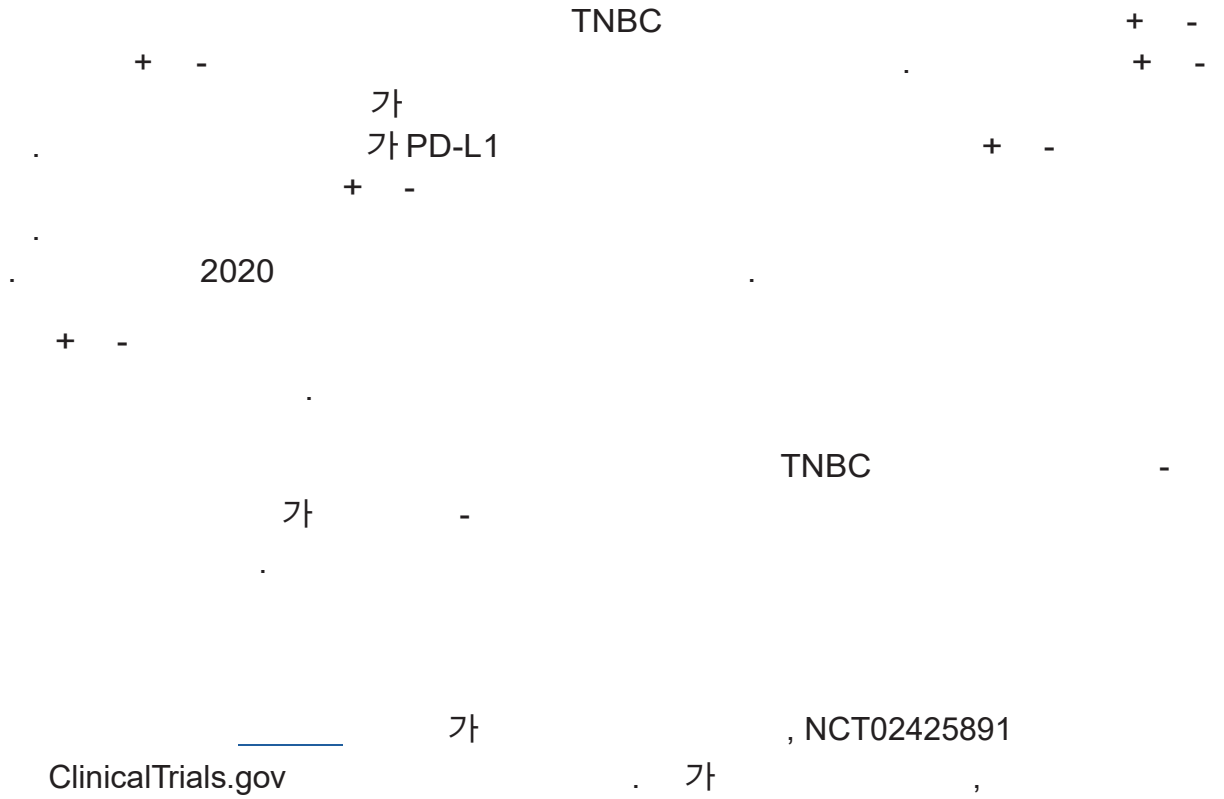
+ -

(8%)

+ -

(16%)

# 가?



[https://www.roche.com/about/business/roche\\_worldwide.htm](https://www.roche.com/about/business/roche_worldwide.htm)