

Supplementary Materials, Annex Table 3A. Response rate based on the number of previous lines in pNENs.

N. of previous lines	PD, N (%)	SD, N (%)	PR, N (%)	CR, N (%)	Not evaluated, N (%)	Total, N (%)
0-1	3 (5.1)	23 (39.0)	27 (45.8)	1 (1.7)	5 (8.5)	59 (100)
2	9 (16.4)	15 (27.3)	22 (40.0)	0	9 (16.4)	55 (100)
>2	12 (17.6)	29 (42.6)	17 (25.0)	0	10 (14.7)	68 (100)
All	24 (13.2)	67 (36.8)	66 (36.3)	1 (0.5)	24 (13.2)	182 (100)

X²=14.1, degrees of freedom = 8, p-value= 0.0786

Supplementary Materials, Annex Table 3B. Response rate based on the number of previous lines in midgut NENs.

N. of previous lines	PD, N (%)	SD, N (%)	PR, N (%)	CR, N (%)	Not evaluated, N (%)	Total, N (%)
0-1	4 (5.4)	39 (52.7)	15 (20.3)	0	16 (21.6)	74 (100)
2	3 (6.2)	26 (54.2)	13 (27.1)	1 (2.1)	5 (10.4)	48 (100)
>2	1 (3.8)	16 (61.5)	6 (23.1)	0	3 (11.5)	26 (100)
All	8 (5.4)	81 (54.7)	34 (23%)	1 (0.7)	24 (16.2)	148 (100)

X²=5.81, degrees of freedom = 8, p-value= 0.668

Supplementary Materials, Annex Table 3C. Response rate based on the number of previous lines in BP-NENs.

N. of previous lines	PD, N (%)	SD, N (%)	PR, N (%)	CR, N (%)	Not evaluated, N (%)	Total, N (%)
0-1	0	7 (50.0)	6 (42.9)	0	1 (7.1)	14 (100)
2	4 (19.0)	10 (47.6)	4 (19.0)	0	3 (14.3)	21 (100)
>2	7 (33.3)	7 (33.3)	4 (19.0)	0	3 (14.3)	21 (100)
All	11 (19.6)	24 (42.9)	14 (25.0)	0	7 (12.5)	56 (100)

X²=7.5, degrees of freedom = 4, p-value= 0.107

Supplementary Materials, Annex Table 3D. Response rate based on the number of previous lines in PPGLs.

N. of previous lines	PD, N (%)	SD, N (%)	PR, N (%)	CR, N (%)	Not evaluated, N (%)	Total, N (%)
0-1	1 (5.6)	11 (61.1)	4 (22.2)	0	2 (11.1)	18 (100.0)
2	1 (20.0)	4 (80.0)	0	0	0	5 (100.0)
>2	2 (25.0)	2 (25.0)	1 (12.5)	0	3 (37.5)	8 (100.0)
All	4 (12.9)	17 (54.8)	5 (16.1)	0	5 (16.1)	31 (100.0)

X²=8.4, degrees of freedom = 6, p-value= 0.203

Supplementary Materials, Annex Table 3E. Response rate based on the number of previous lines in other GEP-NENs.

N. of previous lines	PD, N (%)	SD, N (%)	PR, N (%)	CR, N (%)	Not evaluated, N (%)	Total, N (%)
0-1	0	8 (36.4)	4 (18.2)	0	10 (45.5)	22 (100.0)
2	3 (18.8)	8 (50.0)	5 (31.2)	0	0	16 (100.0)
>2	4 (18.2)	8 (36.4)	8 (36.4)	0	2 (9.1)	22 (100.0)
All	7 (11.7)	24 (40.0)	17 (28.3)	0	12 (20.0)	60 (100.0)

X²=3.6, degrees of freedom = 4, p-value= 0.459

Supplementary Materials, Annex Table 3F. Response rate based on the number of previous lines in other NGEP-NENs.

N. of previous lines	PD, N (%)	SD, N (%)	PR, N (%)	CR, N (%)	Not evaluated, N (%)	Total, N (%)
----------------------	-----------	-----------	-----------	-----------	----------------------	--------------

0-1	3 (15.8)	9 (47.4)	2 (10.5)	1 (5.3)	4 (21.1)	19 (100)
2	0	5 (50.0)	4 (40.0)	0	1 (10.0)	10 (100)
>2	5 (31.2)	4 (25.0)	5 (31.2)	0	2 (12.5)	16 (100)
All	8 (17.8)	18 (40.0)	11 (24.4)	1 (2.2)	7 (15.6)	45 (100)
X ² =9.6, degrees of freedom = 8, p-value= 0.287						

Abbreviations: pNEN, pancreatic neuroendocrine neoplasm; BP-NEN, bronchopulmonary neuroendocrine neoplasm; PPGL, pheochromocytoma and paraganglioma; NEN, neuroendocrine neoplasia; GEP, gastroenteropancreatic; NGEP, no gastroenteropancreatic; PD, progression disease; SD, stable disease; PR, partial response; CR, complete response, N., number.