

**Article title:** Trends of incidence and prognosis of gastric neuroendocrine neoplasms-a study based on SEER and our multicenter research

**Journal name:** Gastric cancer

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**Supplementary Table : Demographic or clinical characteristics of patients with  
GNENs in both training and validation sets**

	GNEC				GNET			
	Training Set		Validation Set		Training Set		Validation Set	
	<u>(n=334)</u>		<u>(n=139)</u>		<u>(n=566)</u>		<u>(n=107)</u>	
	Cases	Proportion (%)	Cases	Proportion (%)	Cases	Proportion (%)	Cases	Proportion (%)
<b>Median Follow up time</b>		30.5(0-153)		27.0(2-89)		36.0(1-152)		40.0(6-107)
<b>Median OS</b>		71		41		>150		>107
<b>Gender</b>								
Male	164	49.10	117	84.17	202	35.69	49	45.79
Female	170	50.90	22	15.83	364	64.31	58	54.21
<b>Age</b>								
Median		63(21-89)		66(42-82)		59(17-85)		55(17-89)
Mean		61.93±13.52		65.17±8.95		59.97±12.78		55.57±1.33
<50	62	18.56	8	5.76	294*	51.94*	65*	60.75*
50-69	168	50.30	83	59.71				
≥70	104	31.14	48	34.53	272^	48.06^	42^	39.25^
<b>Race</b>								
Black	43	12.87	0	0	80	14.13	0	0
White	260	77.84	0	0	460	81.27	0	0
Other	31	9.28	139	100.00	26	4.59	107	100

**Site**

Cardia	64	19.16	68	48.92	26	4.59	15	14.02
Not Cardia	270	80.84	71	51.08	540	95.41	92	85.98

**Size**

≤2cm	146	43.71	10	7.19	492	86.93	85	79.44
2-4cm	71	21.26	82	58.99				
>4cm	117	35.03	47	33.81	74 <sup>#</sup>	13.07 <sup>#</sup>	22 <sup>#</sup>	20.56 <sup>#</sup>

**Grade**

G1	144	43.11	0	0	481	84.98	71	66.36
G2	47	14.07	0	0	76	13.43	26	24.30
G3/4	143	42.81	139	100.00	9	1.59	10	9.35

**T staging**

T1/2	199	59.58	24	17.27	529	93.46	95	88.79
T3/4	135	40.42	115	82.73	37	6.54	12	11.21

**N staging**

N0	206	61.68	40	28.78	530	93.64	95	88.79
N1	128	38.32	99	71.22	36	6.36	12	11.21

**M staging**

M0	255	76.35	92	66.19	545	96.29	99	92.52
M1	79	23.65	47	33.81	21	3.71	8	7.48

**AJCC staging**

I	78	23.35	4	2.88	337	59.54	58	54.21
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II	86	25.75	20	14.39	174	30.74	33	30.84
III	91	27.25	68	48.92	34	6.01	8	7.48
IV	79	23.65	47	33.81	21	3.71	8	7.48

**Surgery**

No surgery	78	23.35	6	4.32	79	13.96	5	4.67
Local	68	20.36	0	0	287	50.71	62	57.94
Radical	188	56.29	133	95.68	200	35.33	40	37.38

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**Notes:** Considering different biological characteristics of GNEC and GNET, there were a little differences about grouping to minimize bias: \*<60 years old; <sup>^</sup>≥60 years old; #>2cm

**Abbreviation:** GNENs: gastric neuroendocrine neoplasms; GNEC: gastric neuroendocrine carcinoma; GNET: gastric neuroendocrine tumor; OS: overall survival