Supplementary Material

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          │   21 hospitals from 7 geographic areas  │
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          │            Cases enrolled           │
          │             (n = 3,913)             │
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Exclusion:
Time of entry (n = 130)
Repeated report (n = 203)
More than 50% missing data (n = 3)
Patients with stage IV or missing stage information
at initial diagnosis (n = 1,725)

Cases fulfilling inclusion
criteria
(n = 1,852)

Age at initial diagnosis

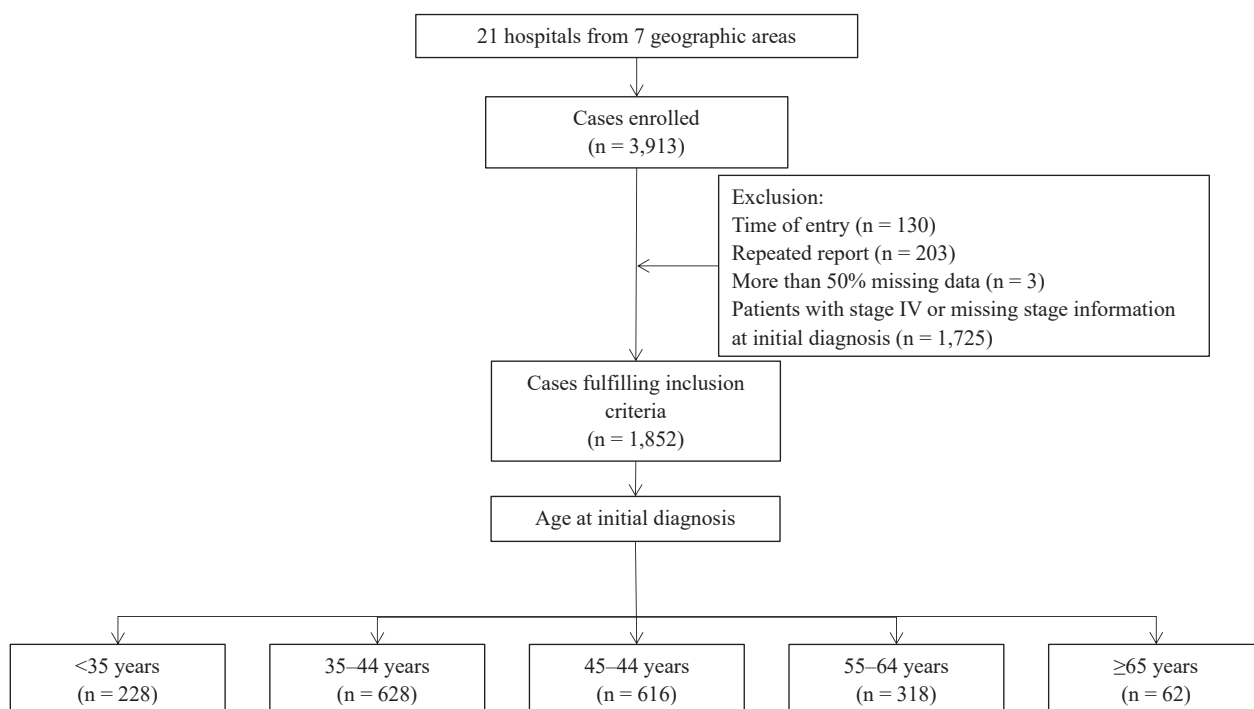| <35 years (n = 228)	35–44 years (n = 628)	45–44 years (n = 616)	55–64 years (n = 318)	≥65 years (n = 62)

Figure S1 Flow diagram of the study.

Table S1 Demographic characteristics among patients of different age groups

Demographic characteristics	Age at initial diagnosis					Total	χ^2	P value
	<35 years	35–44 years	45–54 years	55–64 years	≥65 years			
BMI group, kg/m^2							55.184	<0.01
≤18.49	19 (8.3%)	27 (4.3%)	11 (1.8%)	7 (2.2%)	2 (3.2%)	66 (3.6%)		
>18.49 and ≤24.99	133 (58.3%)	362 (57.6%)	324 (52.6%)	163 (51.3%)	29 (46.8%)	1,011 (54.6%)		
>24.9 and ≤29.99	33 (14.5%)	140 (22.3%)	190 (30.8%)	104 (32.7%)	19 (30.6%)	486 (26.2%)		
>24.99	11 (4.8%)	36 (5.7%)	25 (4.1%)	19 (6.0%)	4 (6.5%)	95 (5.1%)		
Unknown	32 (14.0%)	63 (10.0%)	66 (10.7%)	25 (7.9%)	8 (12.9%)	194 (10.5%)		
Occupation							19.775	0.07
Housewife	29 (12.7%)	65 (10.4%)	87 (14.1%)	48 (15.1%)	10 (16.1%)	239 (12.9%)		
Manual work	56 (24.6%)	184 (29.3%)	174 (28.2%)	84 (26.4%)	13 (21.0%)	511 (27.6%)		
Metal work	43 (18.9%)	124 (19.7%)	99 (16.1%)	50 (15.7%)	19 (30.6%)	335 (18.1%)		
Others	39 (17.1%)	76 (12.1%)	78 (12.7%)	33 (10.4%)	11 (17.7%)	237 (12.8%)		
Unknown	61 (26.8%)	179 (28.5%)	178 (28.9%)	103 (32.4%)	9 (14.5%)	530 (28.6%)		
Smoking							2.521	0.641
No	199 (87.3%)	565 (90.0%)	545 (88.5%)	281 (88.4%)	56 (90.3%)	1,646 (88.9%)		
Yes	2 (0.9%)	7 (1.1%)	10 (1.6%)	6 (1.9%)	0 (0.0%)	25 (1.3%)		
Unknown	27 (11.8%)	56 (8.9%)	61 (9.9%)	31 (9.7%)	6 (9.7%)	181 (9.8%)		
Drinking							4.867	0.301
No	196 (86.0%)	561 (89.3%)	547 (88.8%)	279 (87.7%)	56 (90.3%)	1,639 (88.5%)		
Yes	6 (2.6%)	6 (1.0%)	12 (1.9%)	5 (1.6%)	0 (0.0%)	29 (1.6%)		
Unknown	26 (11.4%)	61 (9.7%)	57 (9.3%)	34 (10.7%)	6 (9.7%)	184 (9.9%)		
Number of live births							231.272	<0.01
0	25 (11.0%)	21 (3.3%)	7 (1.1%)	4 (1.3%)	0 (0.0%)	57 (3.1%)		
1	123 (53.9%)	350 (55.7%)	277 (45.0%)	113 (35.5%)	8 (12.9%)	871 (47.0%)		
2	46 (20.2%)	177 (28.2%)	186 (30.2%)	98 (30.8%)	17 (27.4%)	524 (28.3%)		
≥3	10 (4.4%)	30 (4.8%)	81 (13.1%)	70 (22.0%)	28 (45.2%)	219 (11.8%)		
Unknown	24 (10.5%)	50 (8.0%)	65 (10.6%)	33 (10.4%)	9 (14.5%)	181 (9.8%)		
Family history of BC							2.584	0.63
No	212 (93.0%)	575 (91.6%)	564 (91.6%)	290 (91.2%)	58 (93.5%)	1,699 (91.7%)		
Yes	8 (3.5%)	26 (4.1%)	33 (5.4%)	11 (3.5%)	2 (3.2%)	80 (4.3%)		
Unknown	8 (3.5%)	27 (4.3%)	19 (3.1%)	17 (5.3%)	2 (3.2%)	73 (3.9%)		

BMI, body mass index; BC, breast cancer.