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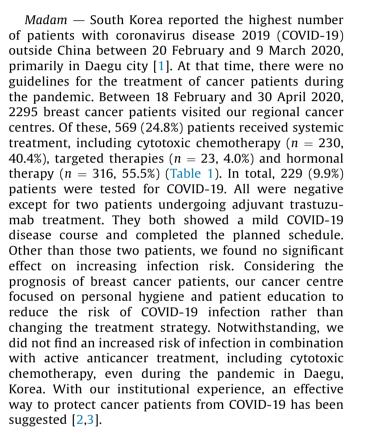
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Letter

Clinical Outcome of Breast Cancer Patients on Chemotherapy during the COVID-19 Pandemic in South Korea



- Routine screening for COVID-19 when the patients are hospitalised or before a major surgical procedure (Figure 1).
- A screening facility for COVID-19 in a separate building to the main hospital, including a drive-through screening centre
- Close co-operation with governmental and regional Centers for Disease Control and Prevention.

Based on our experience in treating breast cancer patients in a pandemic region, we recommend that breast



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cancer patients can undergo their planned treatment with minimal impact of COVID-19 where there are active hygiene and institutional measures against COVID-19.

Table 1

Breast cancer patient characteristics (total, n = 569)

Characteristics	n (%)
Age (years)	
<40	48 (8.4)
40-50	158 (27.8)
50-60	211 (37.1)
60-70	100 (17.6)
>70	52 (9.1)
Gender	
Female	566 (99.5)
Male	3 (0.5)
ECOG performance status	
0 or 1	399 (70.1)
2	120 (21.1)
Unknown	50 (8.8)
Stage (AJCC eighth edition), anatomic	
Ι	168 (29.5)
IIA/B	209 (36.7)
IIIA/B/C	87 (15.3)
IV	105 (18.5)
Type of anticancer therapy	
Cytotoxic chemotherapy	230 (40.4)
Docetaxel/paclitaxel	109 (19.1)
Adriamycin	45 (7.9)
Gemcitabine	29 (5.1)
Vinorelbine	8 (1.4)
CMF	19 (3.3)
Eribulin	8 (1.4)
Clinical trial	12 (2.0)
Non-cytotoxic therapy	339 (59.6)
Endocrine therapy	316 (55.5)
Palbociclib with letrozole	7 (1.2)
Targeted therapy including trastuzumab	23 (4.0)

AJCC, American Joint Committee on Cancer; CMF, Cyclophosphamide, Methotrexate, Fluorouracil.

ECOG, Eastern Cooperative Oncology Group [1-3].

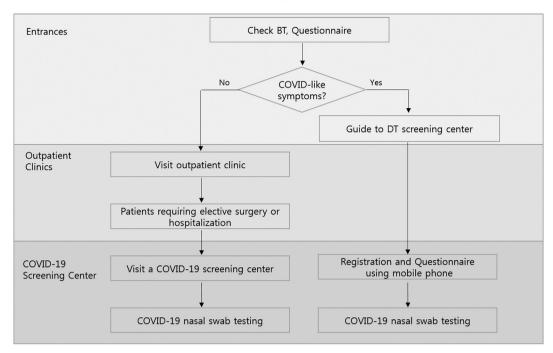


Fig 1. Patient care policy during the coronavirus disease 2019 (COVID-19) pandemic in our cancer centre. The processes Kyungpook National University Chilgok Hospital have in place to keep our cancer patients safe from COVID-19 while receiving anticancer treatment. BT, body temperature; DT, drive-through.

Conflict of interest

The authors declare no conflict of interest.

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