

琉球大学学術リポジトリ

Effectiveness of Surveillance by Echocardiography for Cancer Therapeutics-Related Cardiac Dysfunction of Patients with Breast Cancer

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250 breast cancer patients who received anti-HER2 antibodies for the first time at our hospital from July 2007 to September 2021



Surveillance group
(n=48)

Non-Surveillance group
(n=202)

	All Patients (n=250)	Surveillance (n=48)	Non-Surveillance (n=202)	*Adjusted OR (95% CI)	p
Composite Outcome (%)	12 (4.8)	1 (2.1)	11 (5.5)	0.28 (0.09-0.94)	0.039

Figure 1

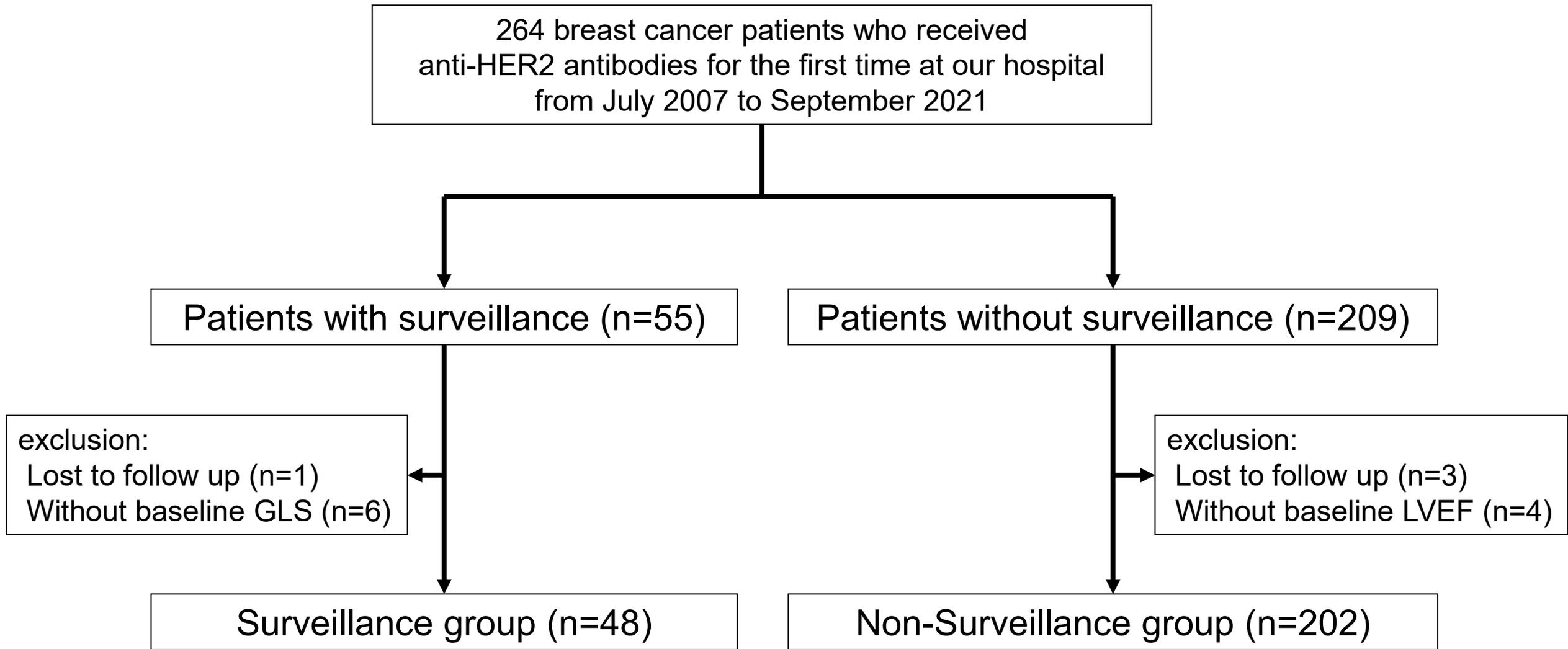


Figure 2

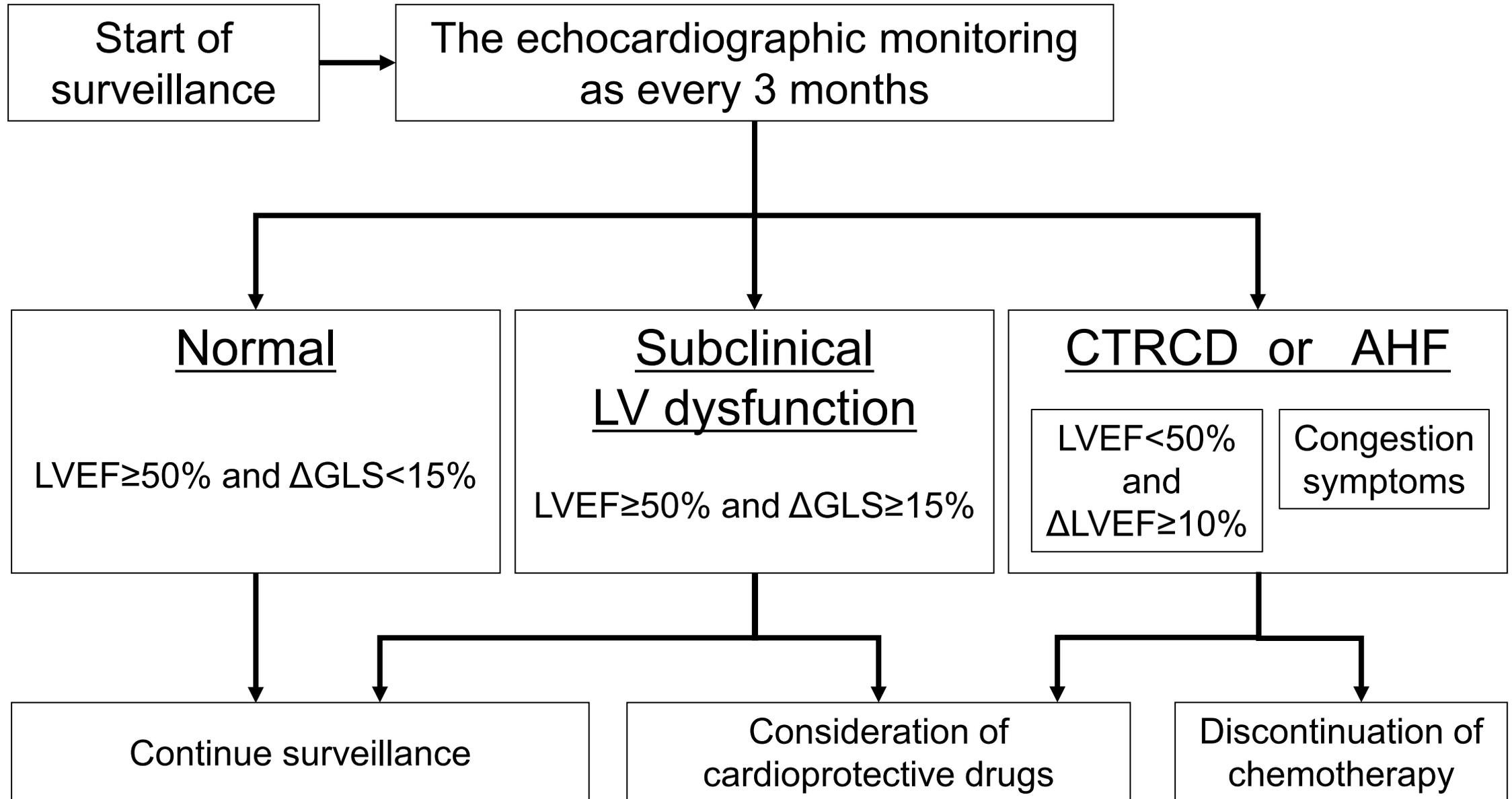
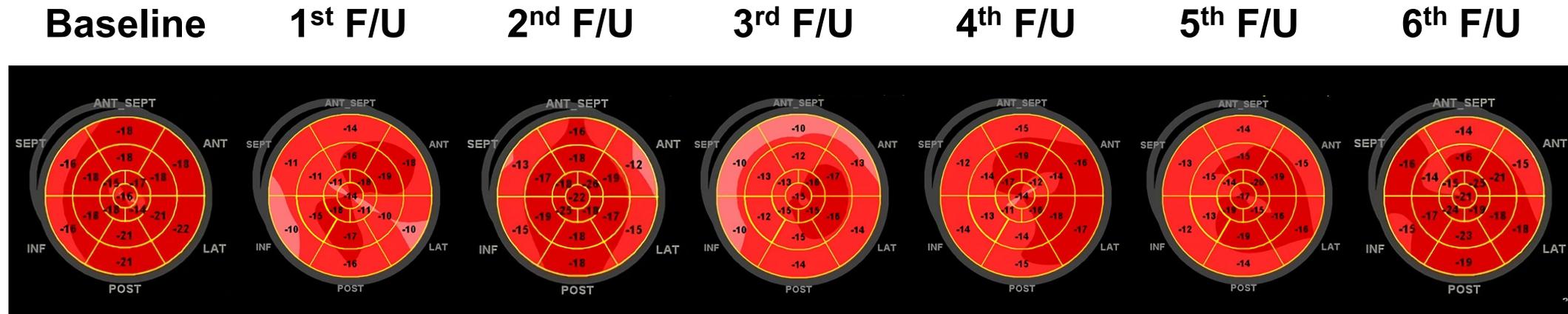


Figure 3



Follow up

LVEF	63%	60%	62%	61%	56%	58%	65%
GLS	-17.5%	-14.1%	-18.3%	-14.7%	-15.1%	-15.8%	-18.4%
Δ GLS		(Δ 19%)	(Δ -5%)	(Δ 16%)	(Δ 14%)	(Δ 10%)	(Δ -5%)

Treatment

Carvedilol	10mg	10mg	10mg	10mg	10mg	10mg
Enalapril	2.5mg	5mg	5mg	5mg	5mg	5mg