

529 patients with HER2-positive invasive breast cancer diagnosed by core needle biopsy with palpable breast mass ≥ 2.0 cm

Stratification

- tumor size by physical exam (2.0-4.0 cm, >4.0 cm)
- clinical nodal status (negative, positive)
- hormone receptor status (ER-positive and/or PgR-positive, ER- and PgR-negative)
- age (<50 , ≥ 50)

Random assignment

181 patients
Arm 1: AC \rightarrow WP+T

2 patients withdrew consent without follow-up

179 patients with follow-up and were included in analyses
2 patients without clinical assessment on cancer recurrence
1 patient withdrew consent

174 patients
Arm 2: AC \rightarrow WP+L

3 patients withdrew consent without follow-up

171 patients with follow-up and were included in analyses
2 patients withdrew consent

174 patients
Arm 3: AC \rightarrow WP+TL

2 patients withdrew consent without follow-up

172 patients with follow-up and were included in analyses
1 patient without clinical assessment on cancer recurrence
4 patients withdrew consent