

**A single center randomized prospective study on the criteria
for lymph node sorting for pathological examination after
curative surgery for gastric cancer
(DJY001 Trail)**

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Protocol:

- Gastric adenocarcinoma identified by histopathologic examination
- Undergo potentially curative gastrectomy plus D2 lymphadenectomy (cTanyNanyM0)
- Age between 18 and 70 years
- KPS score >60
- No neoadjuvant therapy
- No seriously chronic diseases of important organs
- No other malignancies

Randomized included in the study

Group A (Fine sorting lymph nodes)
(n=138)

Group B (Regional sorting lymph nodes)
(n=138)

Undergo curative gastrectomy plus D2 lymphadenectomy

Fine sorting lymph nodes from samples
for pathological examination

Regional sorting lymph nodes from
samples for pathological examination

Differences of lymph node
count for pathological
examination between above
mentioned two groups of
patients according to each
pTNM classification, pN
stage and pT stage

Differences of overall
survival between
above mentioned two
groups of patients
according to each
pTNM classification

Differences of
recurrence between
above mentioned
two groups of
patients according
to each pN stage

Differences of overall
survival and pN stage
between above
mentioned two groups
of patients according to
each pT stage

Elucidation the influences of lymph node metastatic migration in gastric adenocarcinoma patients underwent curative surgery by different lymph node sorting methods to evaluate the optimal method for pathological examination after surgery