

KGOG 2015

Prospective Validation of Preoperative Low-risk Criteria for Lymph Node Metastasis in Endometrial Cancer

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Background

- **View from the NCCN 2013 guideline**
 - “A subset of patients may not benefit from lymphadenectomy”
 - “However, it is difficult to pre-operatively identify these patients”
- **Preoperative assessment tool**
 - **KGOG-2014 (Kang et al., JCO, 2012)**
 - **Preoperative risk assessment tool using MRI+CA125**
 - **4 predictors:**
myometrial invasion / extrauterine metastasis / lymph node enlargement / CA125 > 35U/ml
 - **False negative predictive value (NPV)**
:1.4% in model set / 1.7% in training set
- **Validation**
 - **Hokkaido cohort (Kang et al. Gynecol Oncol, 2013)**
 - **False NPV: 1.0% in Hokkaido cancer center, 3.5% in Hokkaido university**

KGOG-2015 & its current status

- **KGOG-2015**
 - **Study endpoint: prospective validation of KGOG-2014 criteria (false NPV < 5%)**
 - **Study design: prospective observational study**
- **Status**
 - **Activated: 15 December 2011**
 - **Active sites: 20 sites from 3 countries**
 - **16 sites from KGOG**
 - **2 sites from SGOG (Shanghai-GOG, China)**
 - **2 sites from Hokkaido group (Japan)**
 - **Target number: 514 patients**
 - **Enrollment: 348 (as of 10 Sep 2013)**