International survey about the sentinel lymph node biopsy in cervical cancer

Survey within the GCIG
Sentinel node biopsy (SLN)

- Cervical cancer < 2 cm
- Sensitivity: 92A%,
- NPV: 98.2% (100% if bilateral).
- Bilateral detection: could spare 75% of complete pelvic dissection (IA1 L1-IIA)
- Bilateral detection: questionable need for parametrial resection (IA2 – IB1)
- Ultrastaging increases identification of nodal metastasis
- Possible ↓ morbidity, including ↓ adhesions.

- Lack of studies
- Unclear strategy (one- vs two-stage approach)
- High false negative rate (µ MTS)
Questionnaire

- Which department are you working in?
- What kind of hospital do you work in?
- How many patients with invasive cervical cancer (CC) have been treated in your hospital in the last 3 years?
- How many patients with CC have been treated in your hospital last year?
Questionnaire

• Do you perform lymphadenectomy (LNE) in patients with CC?
• Do you perform systematic or sampling LNE in patients with CC?
• Do you perform sentinel lymph node (SLN) biopsy (SLNB) in patients with CC?
• If you perform LNE what do you do?
• If you do not perform SLNB in patients with CC can you please specify?
• If you perform SLNB in patients with cervical cancer, can you please specify: (multiple answer possible)
• If you perform SLNB in patients with CC when do you perform it? (multiple answer possible)
• Do you perform SLNB in case of previous?
• When you perform SLNB do you do frozen section (FS)?
Questionnaire

- Do you ever perform SLNB without FS and wait for final histology?
- Does your pathologist analyses SLNB with serial sectioning?
- Does your pathologist analyses SLNB with immunohistochemistry (IHC)?
- Does the FS evaluates and diagnoses?
- What does positive SLNB (pN+) for you defines?
- If you perform FS what are the consequences for the treatment in case of pN+ in the SLNB?
- If you perform FS what are the consequences in case of pN0 of SLNB?
- In case of pN0 on FS of SLNB and presence of additional enlarged not sentinel lymph node, what do you do?
Questionnaire

- How do you perform your surgery?
- What do you use for SLNB?
- How do you perform the injection?
- Where do you inject?
- How many ml of blue dye do you use?
- How many Becquerel do you use?
- If you use radiotracer do you perform a scintigraphy?
Questionnaire

- In case of blue dye how long is the usual interval between injection and lymph node removal:
- Do you know your detection rate?
- How is your detection rate calculated and how is it? (multiple answer possible)
- Do you have ongoing trials on SLNB in CC and / or other gynecological malignancy?
- Would you agree to a face retrial about the therapeutic effect of SLNB in CC?
- Would you support international study concepts about the role of SLNB in the management of CC?
Results

- Start: October 2015
- Duration: 6 Month
- 45 replies (27th of October)
- Analysis at the next meeting in Chicago 2016