Checklist Randomised Controlled Trials Lezoche 2012

**Internal validity**

The study addresses an appropriate and clearly focused question
Yes
The assignment of subjects to treatment groups is randomized
Yes – computer-generated randomisation
An adequate concealment method is used
Yes – opaque sealed envelopes
Subjects are kept blind about treatment allocation
No
Outcome assessors are kept blind about treatment allocation
Not reported but unlikely
The treatment and control groups are similar at the start of the trial
Yes
The only difference between groups is the treatment under investigation
Yes
All relevant outcomes are measured in a standard, valid and reliable way
Yes
All the subjects are analyzed in the groups to which they were randomly allocated (intention to treat)
Yes

**Overall assessment of the study**

Are the results of the study:
- valid? Yes
- applicable to the patient group targeted in the search question? Yes

Checklist COHORT studies Callender 2010

**Internal validity**

The study addresses an appropriate and clearly focused question
Yes
The cohort being studied is selected from source populations that are comparable in all respects other than the factor under investigation
Yes
The likelihood that some eligible subjects might have the outcome at the time of enrolment is assessed and taken into account in the analysis
Not applicable
Comparison by exposure status is made between full participants and those lost to follow up
Not applicable
The outcomes are clearly defined
Yes
The assessment of outcome is made blind to exposure status
Not reported but unlikely
The measure of assessment of exposure is reliable
Not applicable
The main potential confounders are identified and taken into account in the design and analysis
Identified: yes, not taken into account in the analysis

**Overall assessment of the study**

Are the results of the study:
- valid? Yes
- applicable to the patient group targeted in the search question? Yes

Checklist COHORT studies Guerrieri 2008

**Internal validity**

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**Overall assessment of the study**

Are the results of the study:
- valid? Yes
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### Internal validity

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**Overall assessment of the study**

- valid? yes
- applicable to the patient group targeted in the search question? yes

### Checklist COHORT studies Kennelly 2012

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**Overall assessment of the study**

- valid? yes
- applicable to the patient group targeted in the search question? yes

### Checklist COHORT studies Luglio 2011

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**Overall assessment of the study**

- valid? yes
- applicable to the patient group targeted in the search question? yes

Validated
Comparison by exposure status is made between full participants and those lost to follow up

The outcomes are clearly defined

The assessment of outcome is made blind to exposure status

The measure of assessment of exposure is reliable

The main potential confounders are identified and taken into account in the design and analysis

Overall assessment of the study

Are the results of the study:

- valid? yes; though unclear whether all T1 patients did get neoadjuvant radiotherapy
- applicable to the patient group targeted in the search question? yes

Checklist COHORT studies Meadows 2006

Internal validity

The study addresses an appropriate and clearly focused question

Yes

The cohort being studied is selected from source populations that are comparable in all respects other than the factor under investigation

Yes

The likelihood that some eligible subjects might have the outcome at the time of enrolment is assessed and taken into account in the analysis

Not applicable

Comparison by exposure status is made between full participants and those lost to follow up

Not applicable

The outcomes are clearly defined

Yes

The assessment of outcome is made blind to exposure status

Not applicable

The measure of assessment of exposure is reliable

Not applicable

The main potential confounders are identified and taken into account in the design and analysis

No

Overall assessment of the study

Are the results of the study:

- valid? yes
- applicable to the patient group targeted in the search question? yes

Checklist COHORT studies Mohiuddin 1994

Internal validity

The study addresses an appropriate and clearly focused question

Yes

The cohort being studied is selected from source populations that are comparable in all respects other than the factor under investigation

Yes

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The measure of assessment of exposure is reliable

Not applicable
The main potential confounders are identified and taken into account in the design and analysis
No

Overall assessment of the study
Are the results of the study:
- valid? yes
- applicable to the patient group targeted in the search question? yes

Checklist COHORT studies Nair 2008

Internal validity
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Overall assessment of the study
Are the results of the study:
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Checklist COHORT studies Schell 2002

Internal validity
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Overall assessment of the study
Are the results of the study:
- valid? yes
- applicable to the patient group targeted in the search question? yes
### Checklist COHORT studies Tennyson 2012

**Internal validity**

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**Overall assessment of the study**

Are the results of the study:
- **valid?** yes
- applicable to the patient group targeted in the search question? yes

### Checklist COHORT studies Yeo 2010

**Internal validity**

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**Overall assessment of the study**

Are the results of the study:
- **valid?** yes
- applicable to the patient group targeted in the search question? yes

1. Lezoche E, Baldarelli M, Lezoche G, Paganini AM, Gesuita R, Guerrieri M. Randomized clinical trial of endoluminal locoregional resection versus laparoscopic


