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## **T1 rectal cancer results in the Netherlands**

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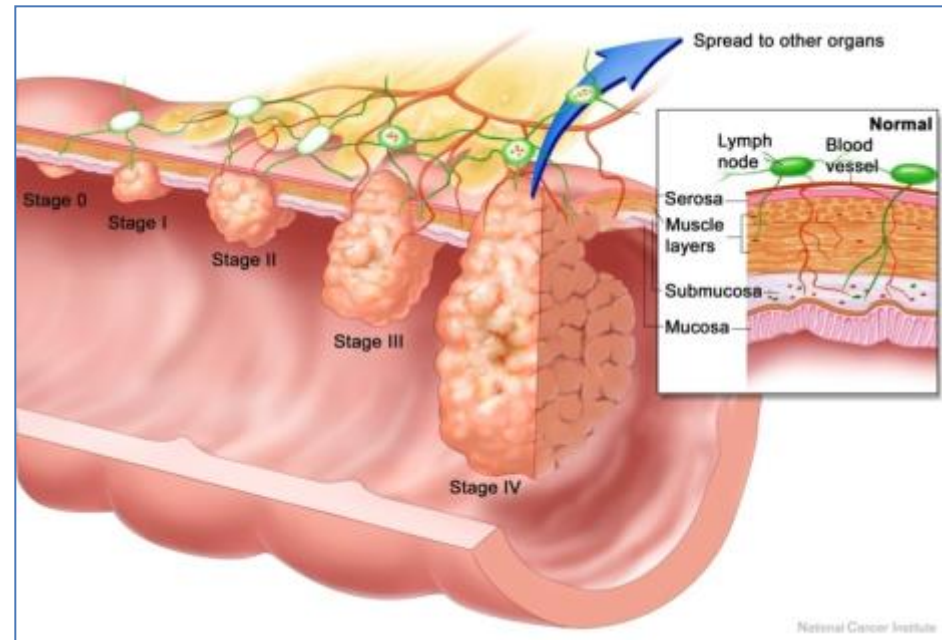
# Introduction

- For the treatment of rectal cancer, several types of surgery can be used, depending on clinical and pathological features
- Selected T1 rectal cancers can be treated with organ sparing surgical techniques, such as local excision (LE)
- Depending on final pathological staging additional surgery, such as TME, can be done

# Early Rectal Cancer

*(low risk) T1*

*Local excision*

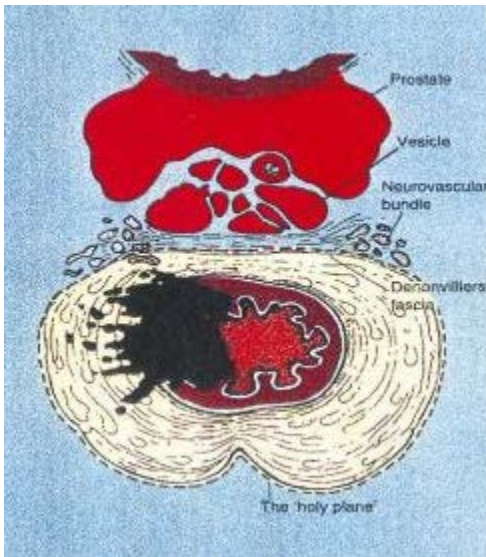


# T1 rectal tumours

## Transanal Endoscopic Microsurgery



# (completion) Total mesorectal excision





# Objectives

- 1) To evaluate treatment strategies of cT1 rectal cancers in the Netherlands between 2005 and 2010
- 2) How many times is a cT1 a pT1?
- 3) Treatment & outcome pT1 rectal cancer



# Patients and methods

Data from the IKNL (Dutch Cancer Registry)

2005 until 2010

Patients with cT1 rectal cancer

Patients with pT1 rectal cancer

Surgery or endoscopic treatment

Outcome

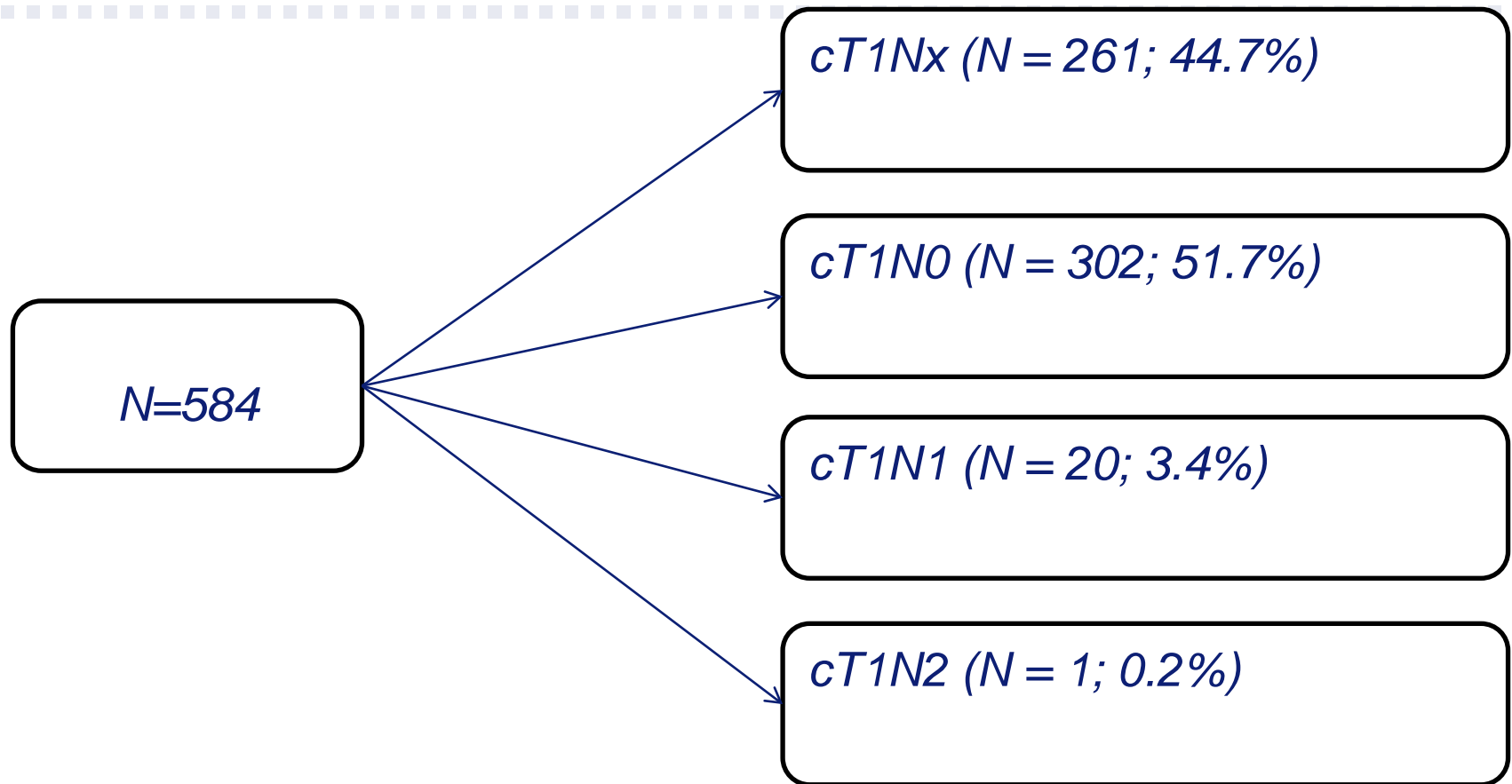
# Results

## *cT1 patients in the Netherlands*

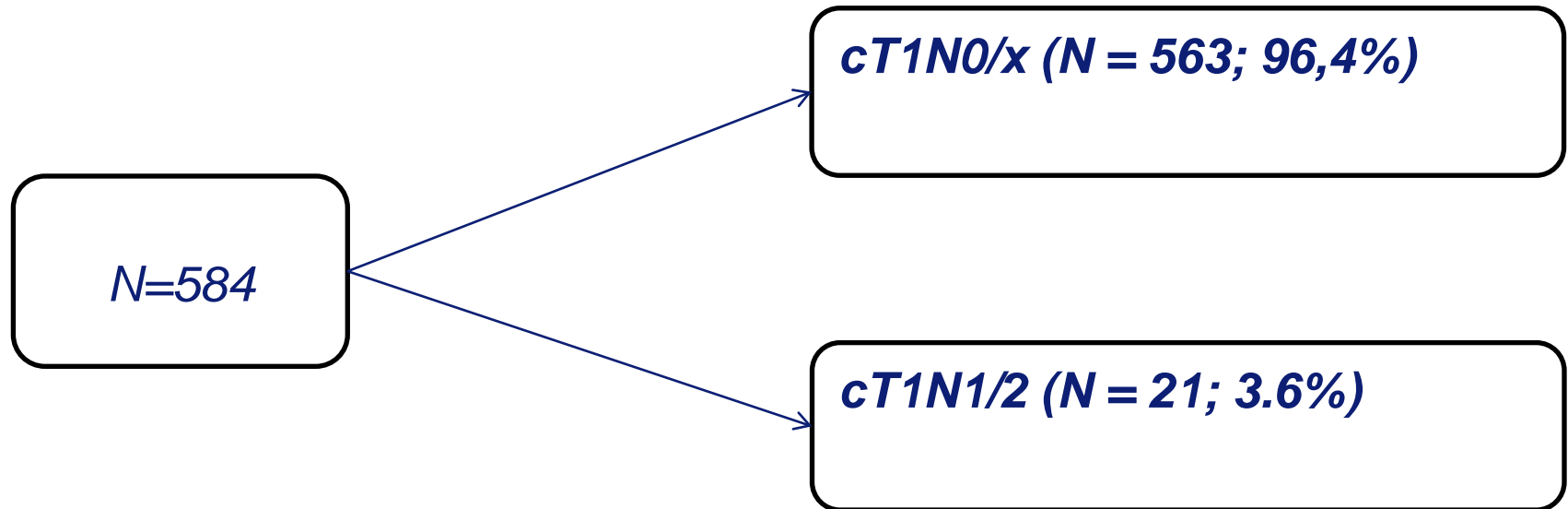
<b>N=584</b>	
<b>Male : Female</b>	344 : 240 (58.9% : 41.1%)
<b>Age (mean <math>\pm</math> SD)</b>	67 $\pm$ 12



# Results

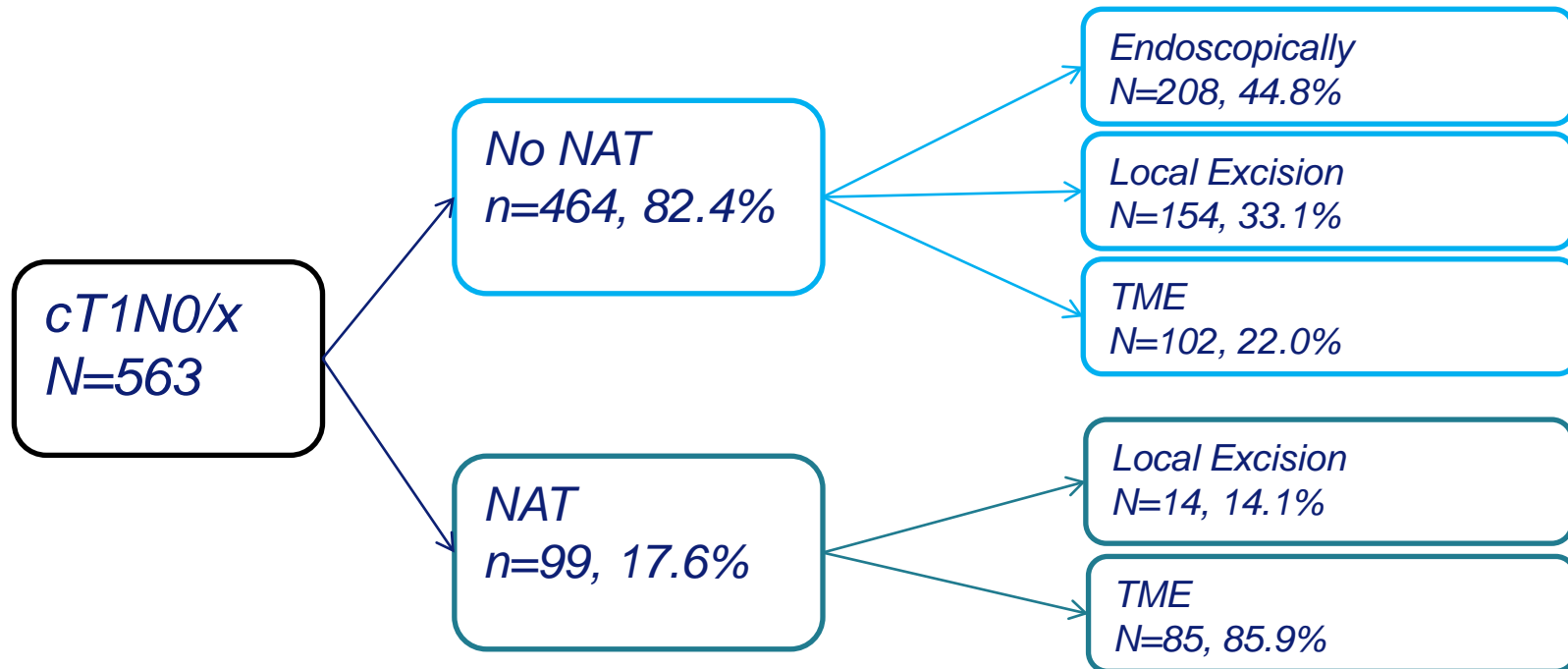


# Results





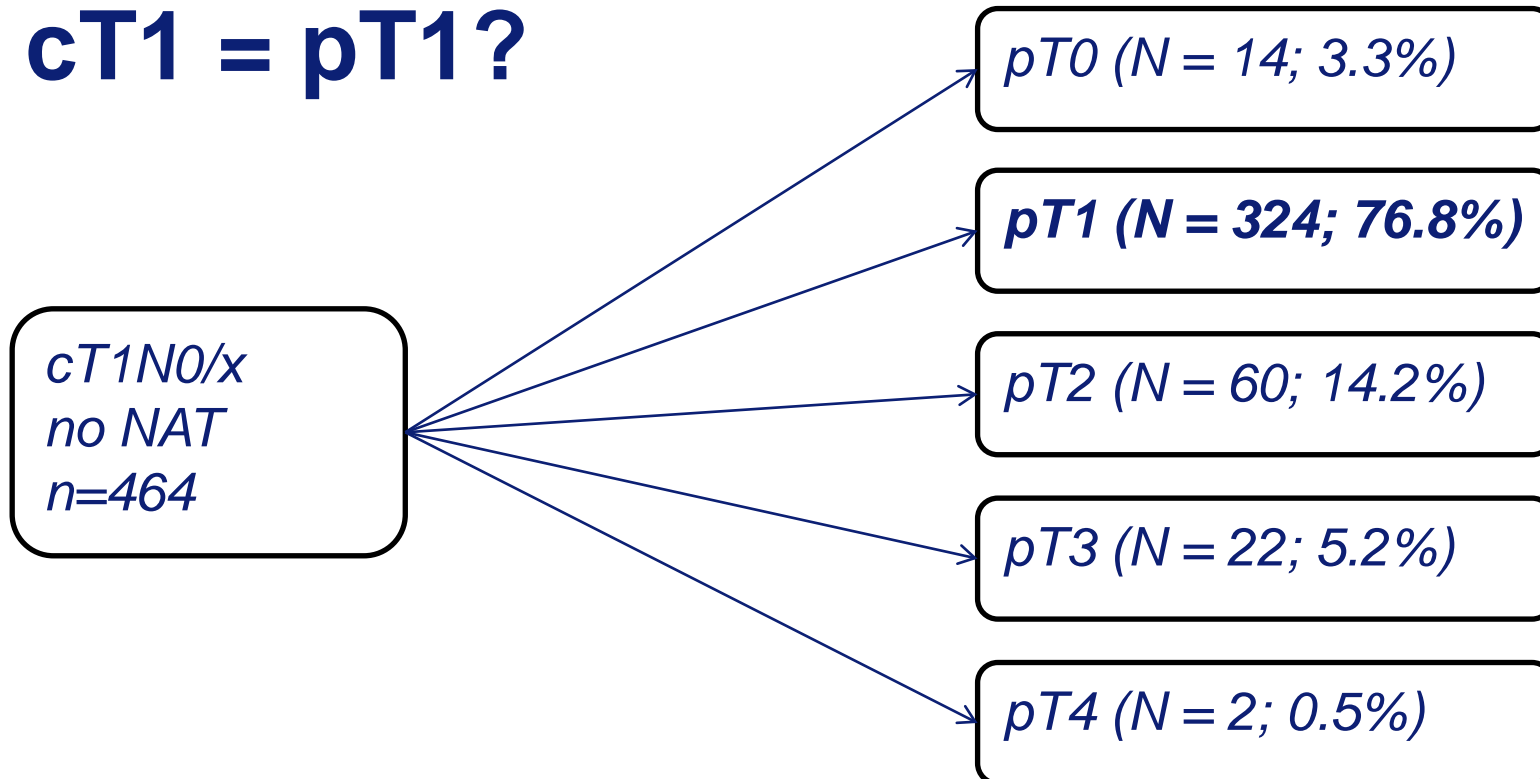
# Results



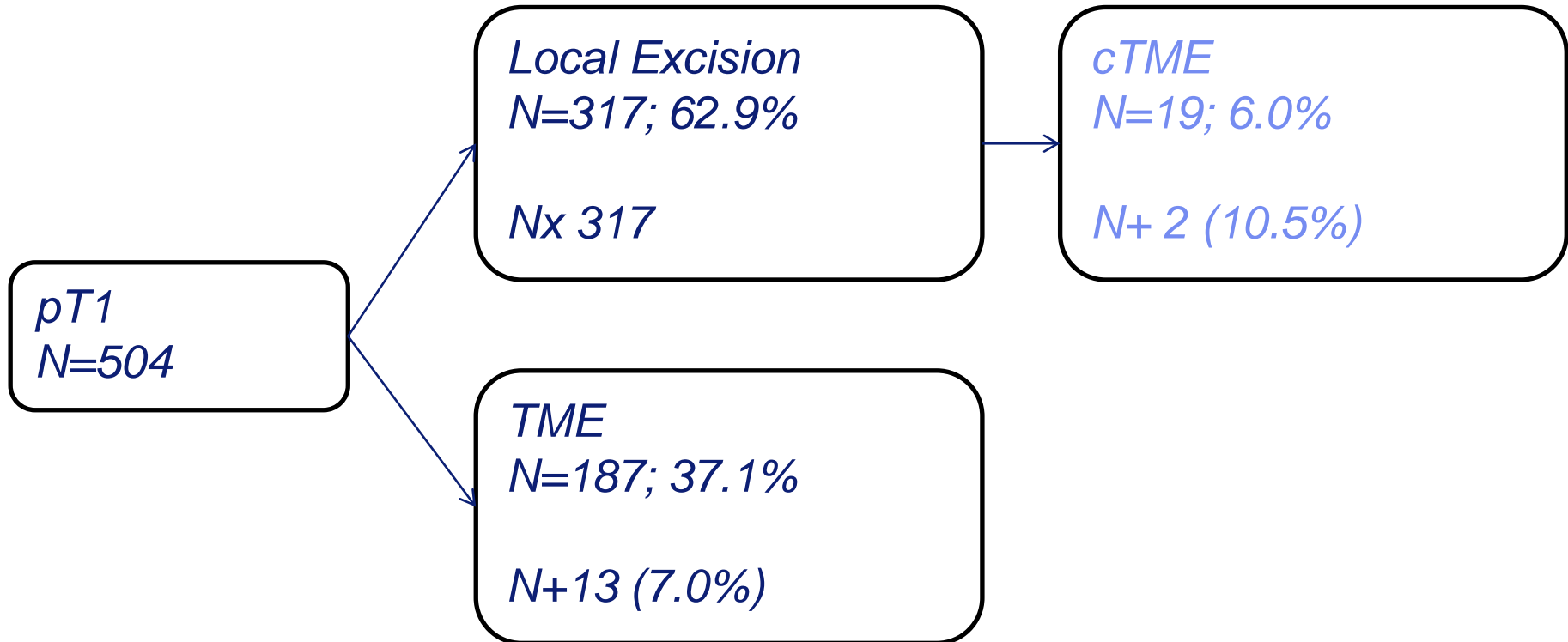


# Results

## cT1 = pT1?



# Results

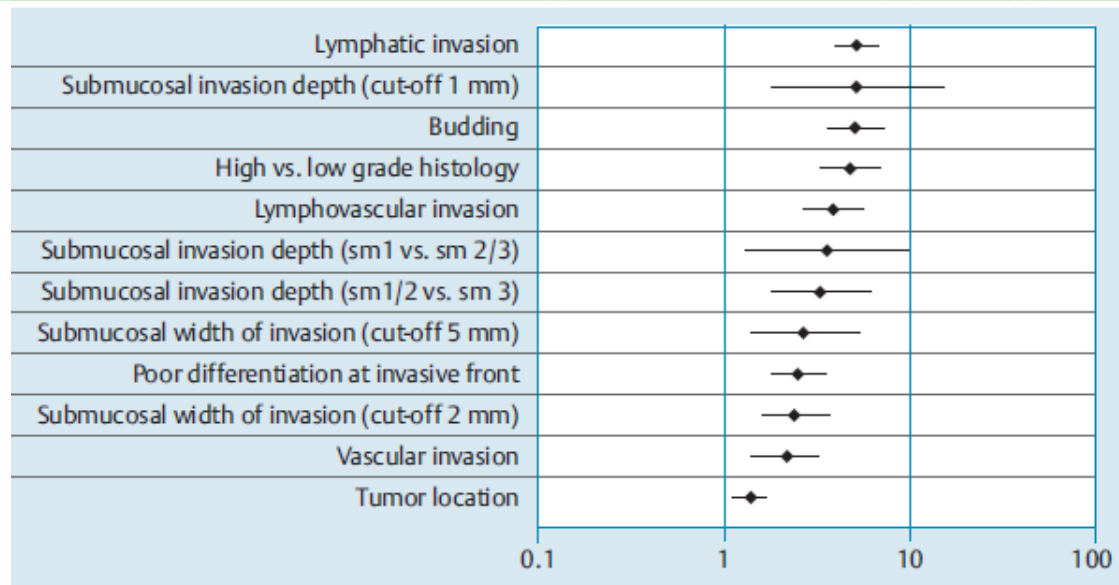


# Nodal status in pT1?

## Predicting lymph node metastasis in pT1 colorectal cancer: a systematic review of risk factors providing rationale for therapy decisions

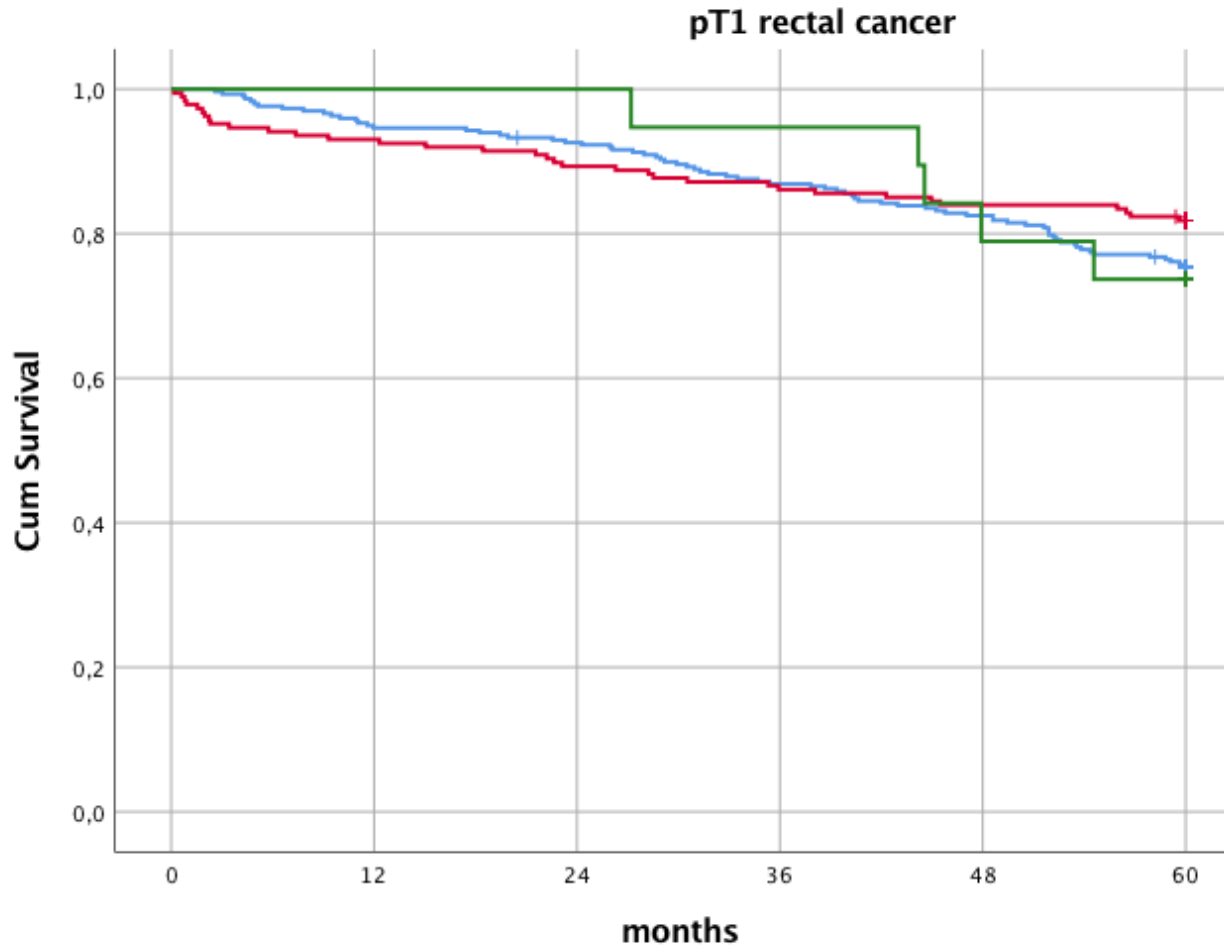
Authors

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# Survival pT1N0



*LE* 75.5%

*TME* 81.8%

*cTME after LE* 73.7%

*No significant differences*

# Discussion

- Lack of specific tumour characteristics in Dutch Registry  
(low and high risk T1 rectal cancers)
- Preoperative performance status (ASA classification)
- No information on pre-operative staging
- Registration errors
- Selection bias





# Conclusion

- cT1 adequately recognized as pT1 in approximately 80%
- Possible overtreatment in almost 20% of cT1N0/x patients



# Conclusion

- Approximately 40% of pT1 tumors treated with (c)TME
- Survival pT1 after LE comparable to (c)TME



# Thank you

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