

Forskning og LKT

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På LKT niveau

- Opgørelse over proces og resultater
(arbejdsgruppe=

Øvrige projekter

- AB-RED: rapport afleveret til Sundhedsministeriet i går. Resultater offentlige om få uger.
- SODAS: næste år.
- Cave- projekter i udarbejdelse
- OPTICAP
- Temperaturmåling offentlig i formentlig denne uge.
- Fremtidige projekter ?

”Godt- snot- projekt”

A quality improvement project
about the usefulness of sputum samples

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– 6th year Medical Student, SDU
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Objectives

During increased training and awareness:

1. How many patients had a sputum sample or tracheal suction before treatment for pneumonia?
2. How many of the samples were useable for culture?
3. Was the antibiotic treatment revised based on the microbiological results ?

Method

Optimizing the clinical practice



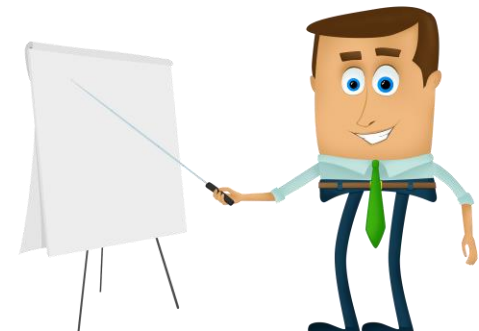
Sputum sampling:

- ED nurses education
- Personal and group feedback

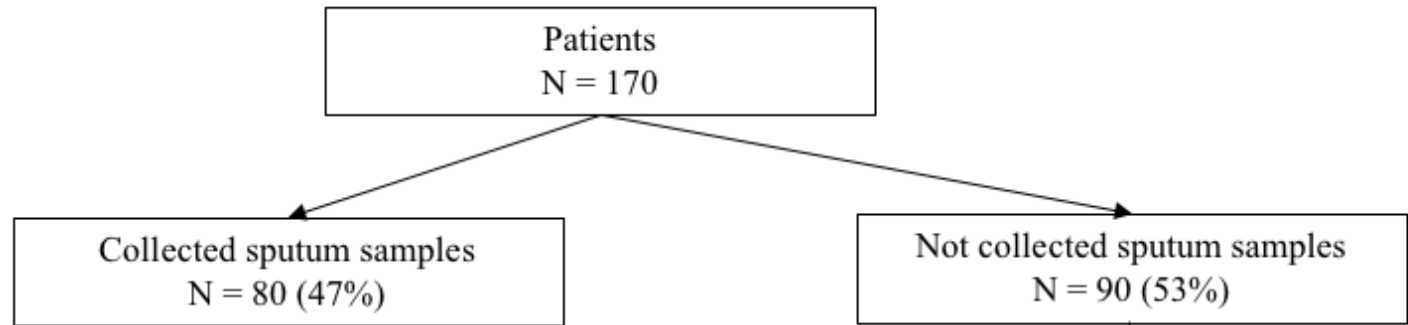


Antibiotic treatment and revision

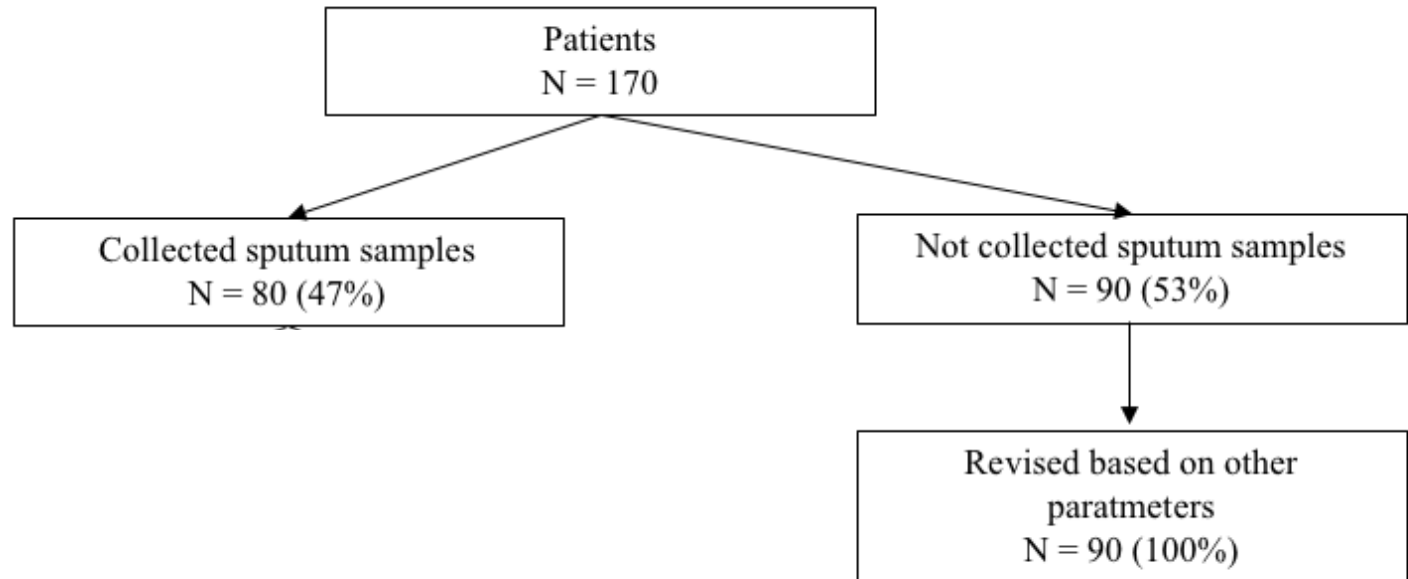
- Information about the antibiotic guideline
- Pocket versions of the guideline available
- Personal feedback



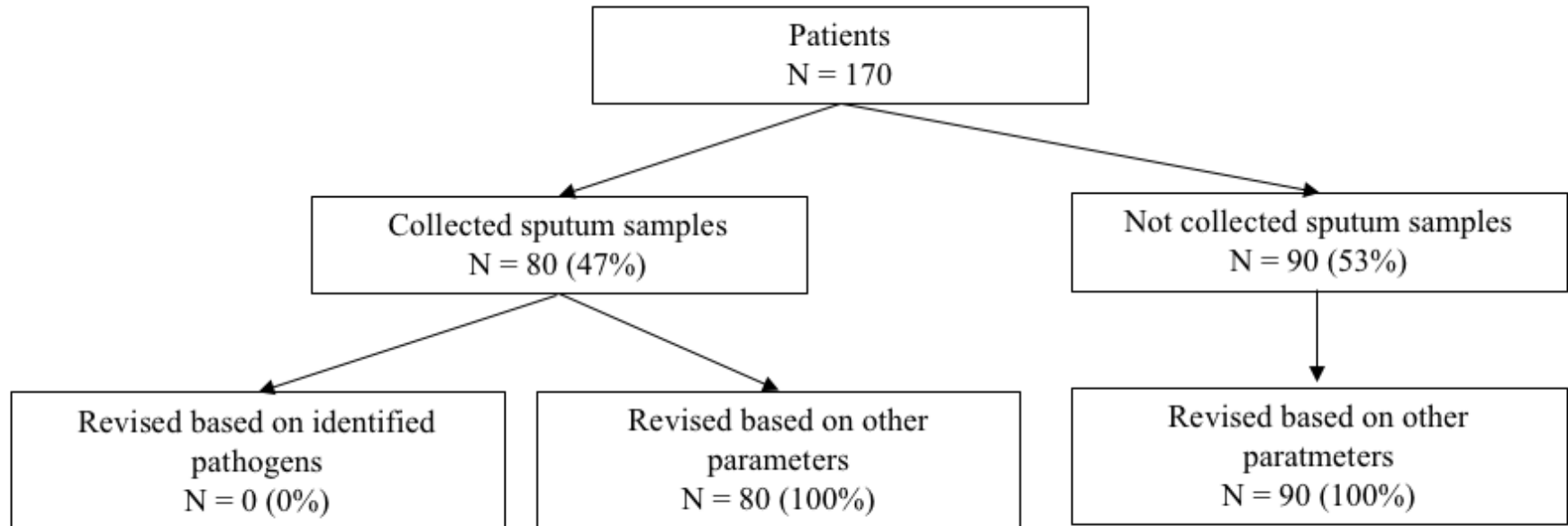
Results – How many had cultures before treatment



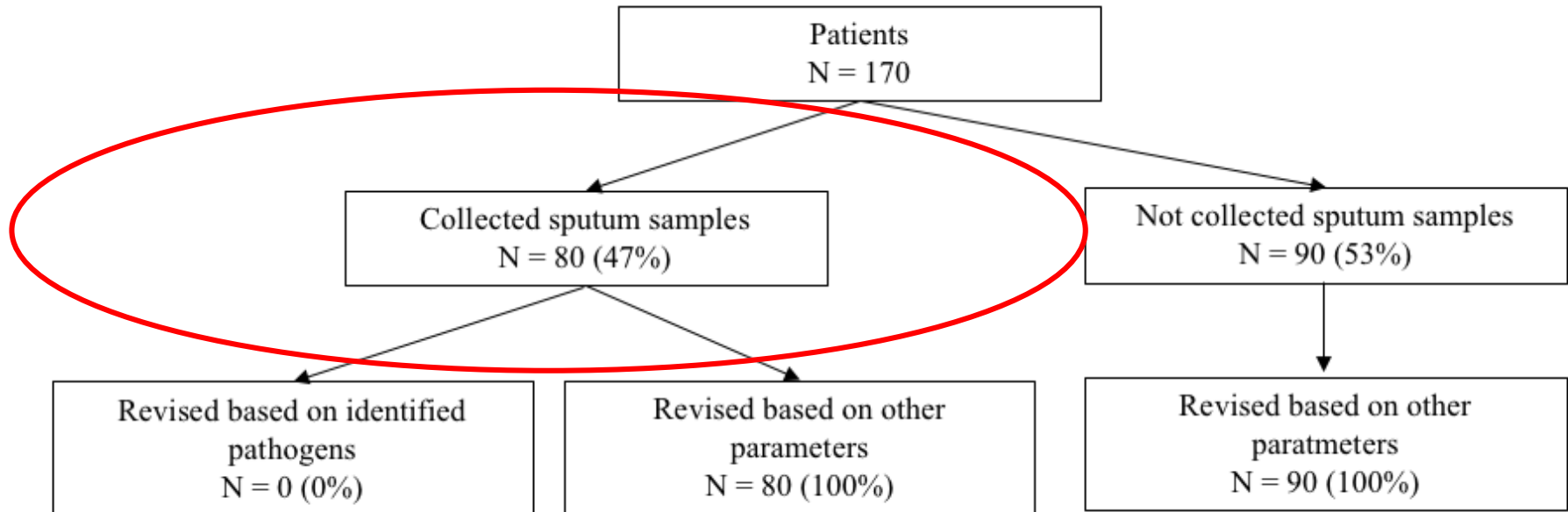
Results – How many had revision based on microbiological results ?



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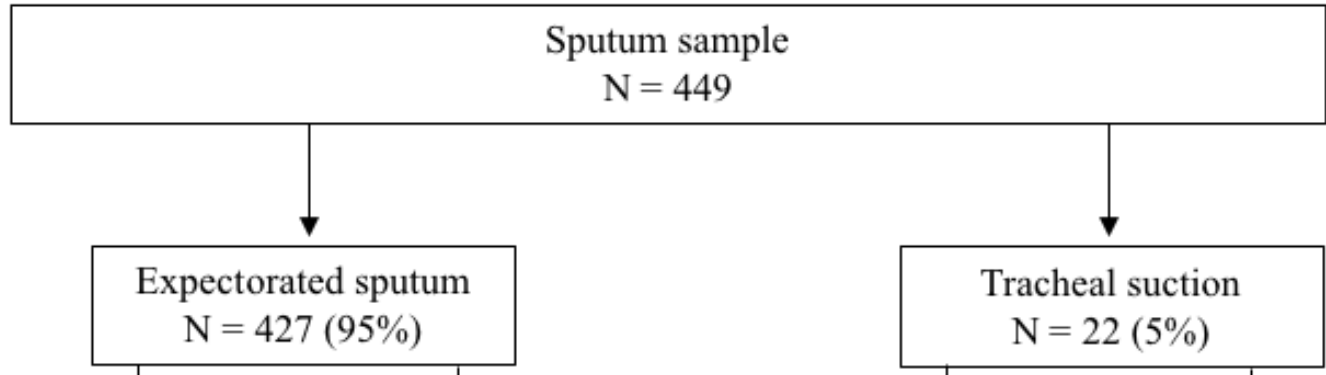
What happened here?



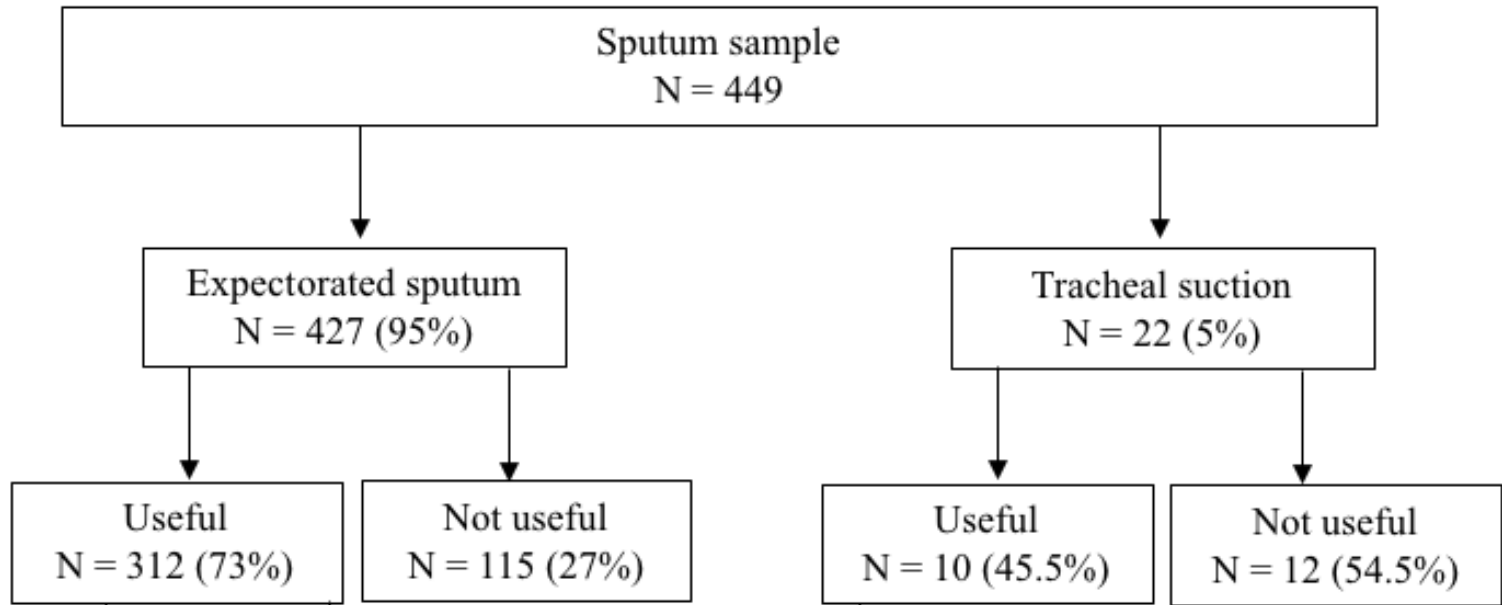
Results – usefulness of sputum samples

Sputum sample
N = 449

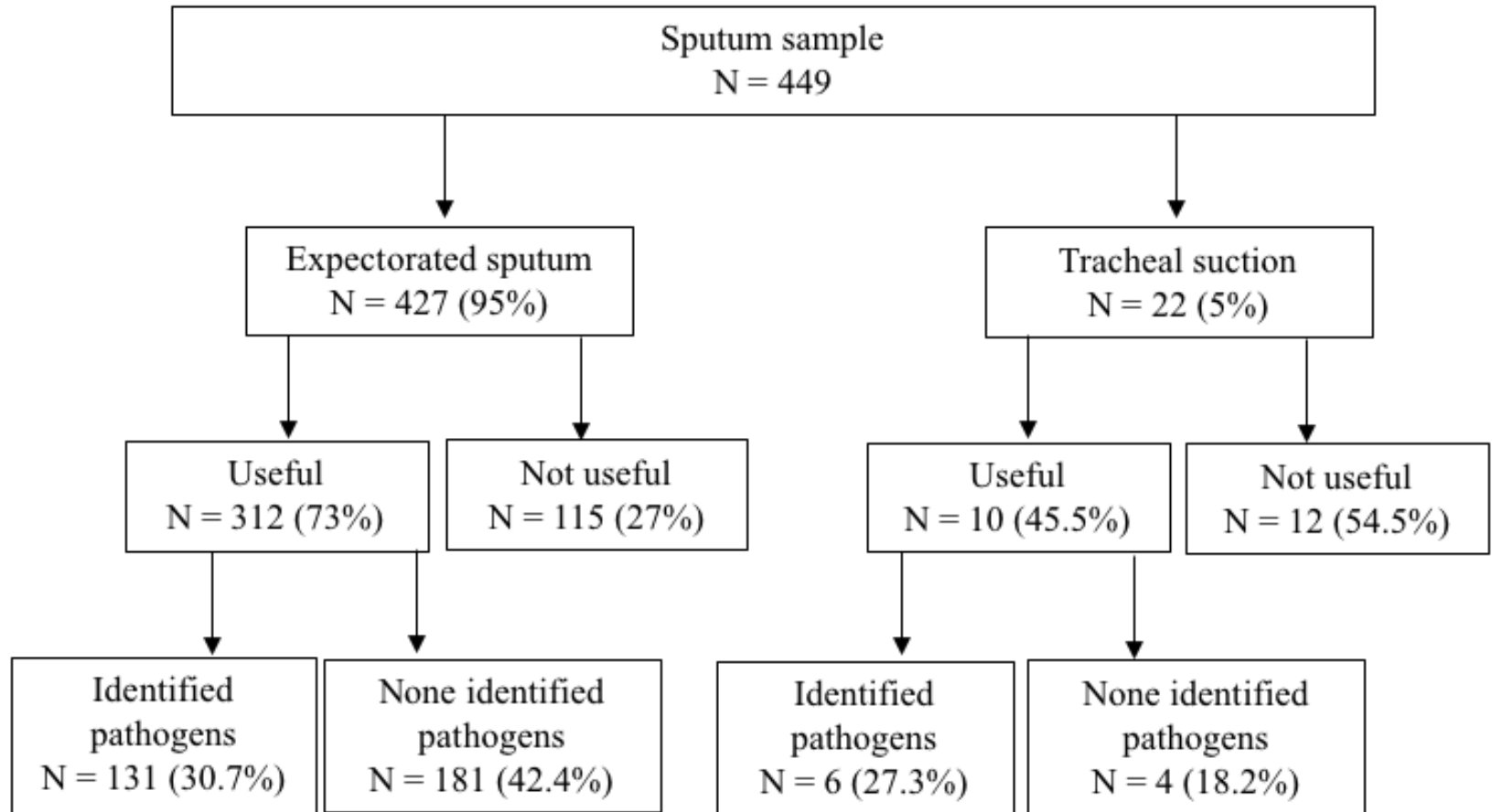
Results – usefulness of sputum samples



Results – usefulness of sputum samples



Results – usefulness of sputum samples



Summary in round figures: for 100 patients with pneumonia

- Despite effort less than 50% had a microbiological sample before treatment for pneumonia (50 pt left)
- 95% of all samples were sputum 5% tracheal suction.
- 75% of sputum, 50% of tracheal suction were of good quality. (37 pt)
- 30% of the samples revealed pathogens. (11 pts)
- 0% of the results were used to adjust antibiotic treatment-no answers on adjustment time (0 pts)

What now?

- Small study- wait for OPTICAP and others
- Good ideas most welcome!
- Point of care ?