

**Pneumonia patients
ICD 9 code
N=1203**

**Excluded
No pneumonia, no microbiological
confirmation, VAP,
pneumectomy
N= 607**

**Pneumonia patients
N=596**

**ALI
N=171**

**No ALI
N=425**

**ALI within 6h of
pneumonia onset
N=53**

**ALI >6h after
pneumonia onset
N=118**

**Controls
N=112**

**Cases
N=112**