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**TELEHEALTH STUDY –
CLINICAL TRIALS FOR ELDERLY PATIENTS WITH
MULTIPLE DISEASES (CHROMED)**

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Equipment

ResmonPro using non-invasive assessment of the respiratory function based on Forced Oscillation Technique (FOT).



Symptoms questionnaires tailored to co-morbidities.



- Heart rate
- 1 lead ECG
- Blood pressure
- Heart rhythm regularity
- Respiratory rate
- Oxygen saturation (SpO₂)
- Body temperature.

Feasibility study -Main findings

- 16 patients (COPD =11, COPD+CHF =5)
- Total of 504 patient monitoring days.
- Percentage data correctly received was:

| | |
|--------------------------------------|-------|
| Lung impedance and breathing pattern | 90.0% |
| Heart rate and B/P | 91.7% |
| SpO2 | 74.0% |
| Body temperature | 71.4% |

- System identified a warning five days prior to admission.