



**Wearable Vest for Lung Monitoring (WELMO)
RESEARCH PROJECT
“WELMO-THESS” - 2nd PILOT TRIAL**

Official Document:

RECORD SHEET/ PROTOCOL DESCRIPTION/ ADVERSE EVENTS REPORT

Thessaloniki, Greece, January 10, 2022



WELMO RESEARCH PROJECT

RECORD SHEET/ PROTOCOL DESCRIPTION/ ADVERSE EVENTS REPORT

DATE: __ / __ / 2022

PATIENT CODE (E.G. Th1, Th2..):

NAME:

AGE:

SEX:

HEIGHT:

WEIGHT:

CURRENT DIAGNOSIS:

BRIEF MEDICAL HISTORY:

SpO₂:

Description of auscultation findings (type/localization):

Description of possible adverse effects during examination (if any):

Protocol Description:

1. Open web application and create patient and code
2. Open the application from a tablet and log in with patient codes
3. Conduct oximetry
4. Conduct spirometry
5. Vest application
6. Place the master sensor and press ON
7. Check good sensor contact, correct and change vest if required
8. Press start recording
9. Phase 1: Calm breathing / sitting – 2 minutes
10. Phase 2: Deep breathing / sitting – 1 minute
11. Phase 3: Calm breathing / sitting – 3 minutes
12. Phase 4: Manipulation of deep inhalations-exhalations / sitting – 1 minute
13. Phase 5: Calm breathing / sitting – 3 minutes
14. Phase 6: Handling virtual spirometry / sitting – 1 minute
15. Phase 7: Calm breathing / sitting – 2 minutes
16. Phase 8: Change of position / standing position – 1 minute
17. Phase 9: Change position / walk – 1 minute
18. Phase 10: Change of position / standing position & raising arms – 1 minute
19. Phase 11: Calm breathing – 2 minutes
20. Press end recording and accept save
21. Phase 12: Completing a questionnaire
22. Master sensor removal (Without erasing it) (not mandatory)
23. Vest removal and cleaning