APPENDIX (3)

Sudan Medical Specialization Board

Council of Emergency Medicine

Section A: Patient Demographics

1. Hospital Name:
   - ☐ Dongola Specialized Hospital
   - ☐ Dongola Police Hospital
   - ☐ Al-Shimal Specialized Hospital
2. Patient Age:
   - ☐ Pediatric (<18 years)
   - ☐ Adult (≥18 years)
3. Gender:
   - ☐ Male
   - ☐ Female
4. Residence:
   - ☐ From Dongola
   - ☐ Outside Dongola
5. Occupation:
   - ☐ Healthcare worker
   - ☐ Government / Private employee
   - ☐ Farmer
   - ☐ Manual laborer
   - ☐ Self-employed / Trader
   - ☐ Student
   - ☐ Housewife / Homemaker
   - ☐ Unemployed / Retired
   - ☐ Other: _____

Section B: Presenting Complaints & Past Medical History 6.

Main Symptoms at Presentation (check all that apply):

- ☐ Shortness of breath
- ☐ Chest pain
- ☐ Cough
- ☐ Fever
- ☐ Confusion
- ☐ Other: _____

7. Duration of Symptoms:

- ☐ <24 hours
- ☐ 1–3 days
- ☐ 4–7 days
- ☐ 8–14 days
- ☐ >14 days

8. Recent History of Respiratory Disease:

- ☐ Yes
- ☐ No
- If yes, specify:
  - ☐ Bronchial Asthma
  - ☐ COPD
  - ☐ TB
  - ☐ Lung Fibrosis
  - ☐ Lung Cancer
  - ☐ Occupational
  - ☐ Other: _____

9. Recent History of Cardiac Disease:

- ☐ Yes

- ☐ No
- If yes, specify: ○ ☐ Heart Failure ○ ☐ Myocardial Infarction
  - ☐ DCM
  - ☐ Immunosuppression (e.g., HIV, steroids)
  - ☐ Pulmonary Embolism
  - ☐ Other: _____

10. Previous Hospitalization for Hypoxic Illness in Past Year:
    - ☐ Yes
    - ☐ No
    - If yes, duration: ○ ☐ <3 days ○ ☐ 3–7 days ○ ☐ 8–14 days ○ ☐ >14 days

Section C: Clinical Presentation (ABCDE / Primary Survey) 11. Airway Patency:
- ☐ Patent – self-maintaining
- ☐ Non-patent – required airway management

12. Type of Breathing:
    - ☐ Normal
    - ☐ Labored
    - ☐ Apnea
    - ☐ Cheyne-Stokes

13. Presence of Respiratory Distress:
    - ☐ Yes
    - ☐ No
    - If yes, signs:
      - ☐ Use of accessory muscles ○ ☐ Intercostal recession ○ ☐ Tripod position ○ ☐ Cheyne-Stokes breathing
      - ☐ Apnea

14. Respiratory Rate (breaths/min):

- ☐ <10
- ☐ 14–18
- ☐ >24

15. Oxygen Saturation (SpO_2):
    - ☐ ≥95%
    - ☐ 90–94%
    - ☐ 85–89%
    - ☐ 80–84%
    - ☐ 75–79%
    - ☐ 70–74%
16. Chest Findings (Auscultation):
    - ☐ Normal
    - ☐ Wheeze
    - ☐ Crepitations (Crackles)
    - ☐ Reduced air entry
    - ☐ Bronchial breathing
    - ☐ Other: _____
17. Blood Pressure:
    - ☐ Normal (120/80 mmHg)
    - ☐ Hypertensive
    - ☐ Hypotensive
18. Heart Rate:
    - ☐ Normal
    - ☐ <60 bpm
    - ☐ >100 bpm
19. Disability (GCS):
    - ☐ 15
    - ☐ 13–14
    - ☐ 10–12

- ☐ 6–9
- ☐ <6

20. Skin Findings:
    - ☐ Normal
    - ☐ Cyanosis
    - ☐ Bruising
    - ☐ Other: _____
21. Temperature: _____ °C

Section D: Diagnostic Tools & Findings 22. Point-of-Care Ultrasound (POCUS):

- ☐ Normal
- ☐ Lung consolidation
- ☐ Pleural effusion
- ☐ B-lines / Interstitial syndrome
- ☐ Pneumothorax
- ☐ Other: _____

23. Chest X-ray:
    - ☐ Done
    - ☐ Not done
    - If done, findings:
        - ☐ Normal ○ ☐ Consolidation ○ ☐ Pleural effusion
        - ☐ Interstitial infiltrates
        - ☐ Pneumothorax
        - ☐ Other: _____
    - Side: ☐ Unilateral ☐ Bilateral
24. CT Lung:
    - ☐ Done
    - ☐ Not done
    - If done, findings:

- ☐ Pleural effusion ☐ Consolidation ☐ Pneumothorax
- ☐ Lung collapse / Atelectasis
- ☐ Other: _____

25. ABG:

- ☐ Done
- ☐ Not done
- If done, findings:
  - ☐ Metabolic acidosis ☐ Respiratory acidosis ☐ Metabolic alkalosis ☐ Respiratory alkalosis ☐ Normal
  - ☐ Other: _____

26. PF Ratio:

- ☐ >300
- ☐ 200–300
- ☐ 100–199
- ☐ <100

27. Laboratory Values:

- WBCs: _____
- Hemoglobin: _____
- CRP: _____

Section E: Final Diagnosis & Disposition 28.
Final Diagnosis:

- ☐ Pneumonia
- ☐ COPD exacerbation
- ☐ Pulmonary embolism
- ☐ Heart failure / Pulmonary edema
- ☐ ARDS
- ☐ Other: _____

29. Disposition Decision:

- ☐ Admitted to general ward
- ☐ Admitted to ICU
- ☐ Referred to another facility
- ☐ Other: _____

30. Patient Outcome:

- ☐ Hypoxia improved / Discharged
- ☐ Required long-term oxygen therapy
- ☐ Admission to ICU
- ☐ Death
- ☐ Other: _____