Frontline First Aid

EMR Skills – O2 Administration and Pulse Oximetry

Call Details: Any response where High Flow Oxygen is appropriate

Participant's name: _____

	Critical Findings	Critical Actions or Interventions	Yes	No	Notes and Comments
Supplemental Oxygen					
Indications	☐ Shortness of Breath ☐ Chest Pains ☐ Possible Internal Bleeding ☐ Smoke Inhalation ☐ Possible Carbon Monoxide Poisoning ☐ Serious Illness ☐ Significant Bleeding ☐ Signs and Symptoms of Shock ☐ Oxygen saturation below 95%				
Contraindications	☐ No distress and SAO2 above 95% on room air				
Flowrates	☐ Adult Facemask	6-15 lpm			Non-rebreather used for Smoke Inhalation and Carbon Monoxide poisoning
	☐ Nasal Canula	2-5 lpm			
	☐ Non-Rebreather Mask	10-15 lpm			
	☐ Bag-Valve Mask	10-15 lpm			
Pulse Oximetry					
Indications	☐ Monitoring of O2 usage on all patients				
Contraindications	☐ Children or Infants under 10kg				
Factors Affecting Reliability of Reading	☐ Carbon Monoxide Poisoning – false high reading ☐ Sickle Cell Anemia or Severe Anemias ☐ Child or Infant under 10kg				
Oxygen Administration					
Supplemental Oxygen delivered	As appropriate	Appropriate delivery method			
Pulse Oximeter	After supplemental O2 started	Applied to finger and turned on			
Check Saturation with Vitals	☐ Compare pulse rate on Oximeter to palpation or auscultation ☐ Difference of less than 10 bpm considered accurate	Note and record saturation reading			
If Inaccurate	☐ Difference greater than 10 bpm	☐ Remove from finger ☐ Use warmer finger ☐ Remove nail polish ☐ Use Toe or earlobe if appropriate ☐ Re-apply oximeter and compare			

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	Critical Findings	Critical Actions or Interventions	Yes	No	Notes and Comments
Monitor Saturation	Maintain Saturation of 95 %	Checked at end of Primary, during Vitals and end of Secondary			
Adjust Oxygen Flowrates	Use lowest flowrate needed to maintain 95% saturation	☐ Adjust up or down by 1 lpm each minute ☐ Within minimum and maximum flow-rates for delivery method			Treat the patient…NOT the oximeter
COPD Patients	Receive supplemental oxygen as dictated by assessment and treatment protocols	☐ Maintain saturation levels between 92-95% ☐ Switch to Nasal Canula at 1-3 lpm following acute care			

Time Ended		Successful	Yes	No	

Comments:_____

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Participant's Name:_____ Date:_____

Participant's Signature:_____

Evaluator's Name:_____ Date:_____

Evaluator's Signature:_____