**OUTCOMES**

Combined

- **Time spent within correct CPR parameters**
  - **2018 Pitt County Performance Data**
    - Depth | Rate | Combined | Combined
    - 36.1% | 55.2% | 21.8%

- **Test Group Dry-Run without checklist**
  - Depth | Rate | Combined | Combined
  - 64.7% | 48.1% | 36.4%

- **Test Group Dry-Run with checklist**
  - Depth | Rate | Combined | Combined
  - 70.8% | 72.6% | 54.5%

*Identical test group given checklists/instruction in-between sessions

Checklist many areas including:
- Ventilation rate/volume
- EtCO2 monitoring
- Compressor switching

**PROJECT AIMS**

- **Global Aim:** Improve field cardiac arrest mortality outcomes by 20% in Pitt County, NC within the first year of checklist implementation
- **Specific Aim:** Train 100% of Pitt County, NC EMS first responders in using the approved Pitt County, NC Pitt-Crew CPR checklist and create a sustainable training plan to allow new first responders to train and practice with the checklist

**PROJECT DESIGN/STRATEGY**

1. Research current state
   - A. What is currently being used?
   - B. What has been used if anything?
2. Research checklist possibilities
   - 1. Study checklist models
   - 2. Evaluate current protocols
3. Design checklist
   - 1. Focus on ease-of-use and vital information
   - 2. Several cycles of team feedback on drafts
4. Bring checklist to field for testing and feedback
   - 1. Evaluate checklist effectiveness
   - 2. Identify strengths/weaknesses
   - 3. Solicit feedback

**PROJECT AIM**

- **High Quality Pitt-Crew CPR: Doing the Ordinary Extraordinarily Well**

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