

### Summary:

The app begins with a prompt: "First Aid here. What can I help you with?". When user ask about checking an injured adult, AED, controlling bleeding, burns, poisoning, neck injuries, spinal injuries or stroke, it will respond "Call 911". If the user asks about choking, it will first ask "Is the person conscious or unconscious?", and then respond "Call 911". If the user asks about CPR, it will enter CPR mode and give instruction to the user about chest compression and rescue breaths. The user can restart a certain phase or a cycle. The user can stop CPR if they want. The app will also give hints to the user in both main dialog mode and CPR mode if user asks "What can I say?"

### Sample utterances and responses:

1. I need help with burns. Response: Call 911.
2. Someone is injured. Response: Call 911.
3. How do I deal with stroke? Response: Call 911.

### CPR workflow:

1. I need help with CPR. Response: Lay the person on a firm, flat surface. You will give 30 chest compressions. When you are ready to begin, say ready. When you are done with 30 compressions, say done. (For the first cycle, the response will also include "Push hard, push fast in the middle of the chest at least 2 inches deep and at least 100 compressions per minute")
2. Ready. Response: Start counting.
3. Done. Response: You will give 2 rescue breaths. When you are done with rescue breaths, say done. (For the first cycle, the response will also include "Tilt the head back and lift the chin up. Pinch the nose shut then make a complete seal over the person's mouth. Blow in for about 1 second to make the chest clearly rise. Give rescue breaths, one after the other")
4. Done. Response: Lay the person on a firm, flat surface. You will give 30 chest compressions. When you are ready to begin, say ready. When you are done with 30 compressions, say done. (Enters second cycle. Thus no detail instructions about chest compression)
5. How do I do breaths? Response: Tilt the head back and lift the chin up. Pinch the nose shut then make a complete seal over the person's mouth. Blow in for about 1 second to make the chest clearly rise. Give rescue breaths, one after the other.
6. What can I say? Response: You can ask about chest compression and rescue breaths.
7. Restart. Response: Restart chest compressions.
8. Stop CPR. Response: Are you sure you want to stop?
9. Yes. Response: Stop CPR.
10. No. Response: Continue CPR.