**Participant Flow Diagram:**

Excluded (n =0)

## Follow-Up

Analysed (n=15 )
 Excluded from analysis (give reasons) (n=0 )

Analysed (n=15)
 Excluded from analysis (give reasons) (n=0)

Lost to follow-up (give reasons) (n=0)

Discontinued intervention (give reasons) (n=0)

Lost to follow-up (give reasons) (n= 0)

Discontinued intervention (give reasons) (n=0)

## Enrollment

Allocated to bent arms (n=15)

 Received allocated intervention (n=15 )

 Did not receive allocated intervention (give reasons) (n= 0)

## Allocation

Allocated to CPR method (n=15)

 Received allocated intervention (n=15)

 Did not receive allocated intervention (give reasons) (n=0)

Randomized (n=31

Assessed for eligibility (n=31)

## Analysis

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| **Demographics and Results** |
| Participant | Age | Gender | Provider Type | Arms Bent (% above threshold) | Arms Straight (% above threshold) |
| 1 | 21 | M | L |   | 100 |
| 2 | 23 | F | L |   | 100 |
| 3 | 21 | F | L |   | 100 |
| 4 | 22 | F | L | 49 |   |
| 5 | 22 | F | L |   | 100 |
| 6 | 29 | F | L |   | 100 |
| 7 | 55 | F | L | 100 |   |
| 8 | 30 | M | L | 100 |   |
| 9 | 37 | F | L |   | 100 |
| 10 | 31 | M | L | 98 |   |
| 11 | 63 | F | MD |   | 100 |
| 12 | 63 | M | L | 18 |   |
| 13 | 25 | M | MD |   | 100 |
| 14 | 30 | M | MD |   | 100 |
| 15 | 58 | F | L | 20 |   |
| 16 | 39 | M | RN | 97 |   |
| 17 | 34 | M | MD |   | 100 |
| 18 | 48 | F | L | 100 |   |
| 19 | 34 | F | RN |   | 100 |
| 20 | 62 | F | RN |   | 100 |
| 21 | 33 | M | EMT |   | 100 |
| 22 | 45 | F | RN |   | 100 |
| 23 | 52 | F | L | 0 |   |
| 24 | 54 | M | L | 57 |   |
| 25 | 56 | F | L | 43 |   |
| 26 | 31 | F | EMT | 68 |   |
| 27 | 34 | M | L | 62 |   |
| 28 | 22 | F | L |   | 100 |
| 29 | 31 | F | L | 63 |   |
| 30 | 39 | F | MD | 81 |   |
|  |  |  | Mean (SD) | 63.7 (31.9) | 100 (0) |
| F= female; M = Male; L = Lay provider (no medical experience); EMT = Emergency medical services provider; RN = Registered Nurse; MD = Medical Doctor |
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