

Supervision: is it showing us the real picture?



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3-5 March 2014, Accra, Ghana

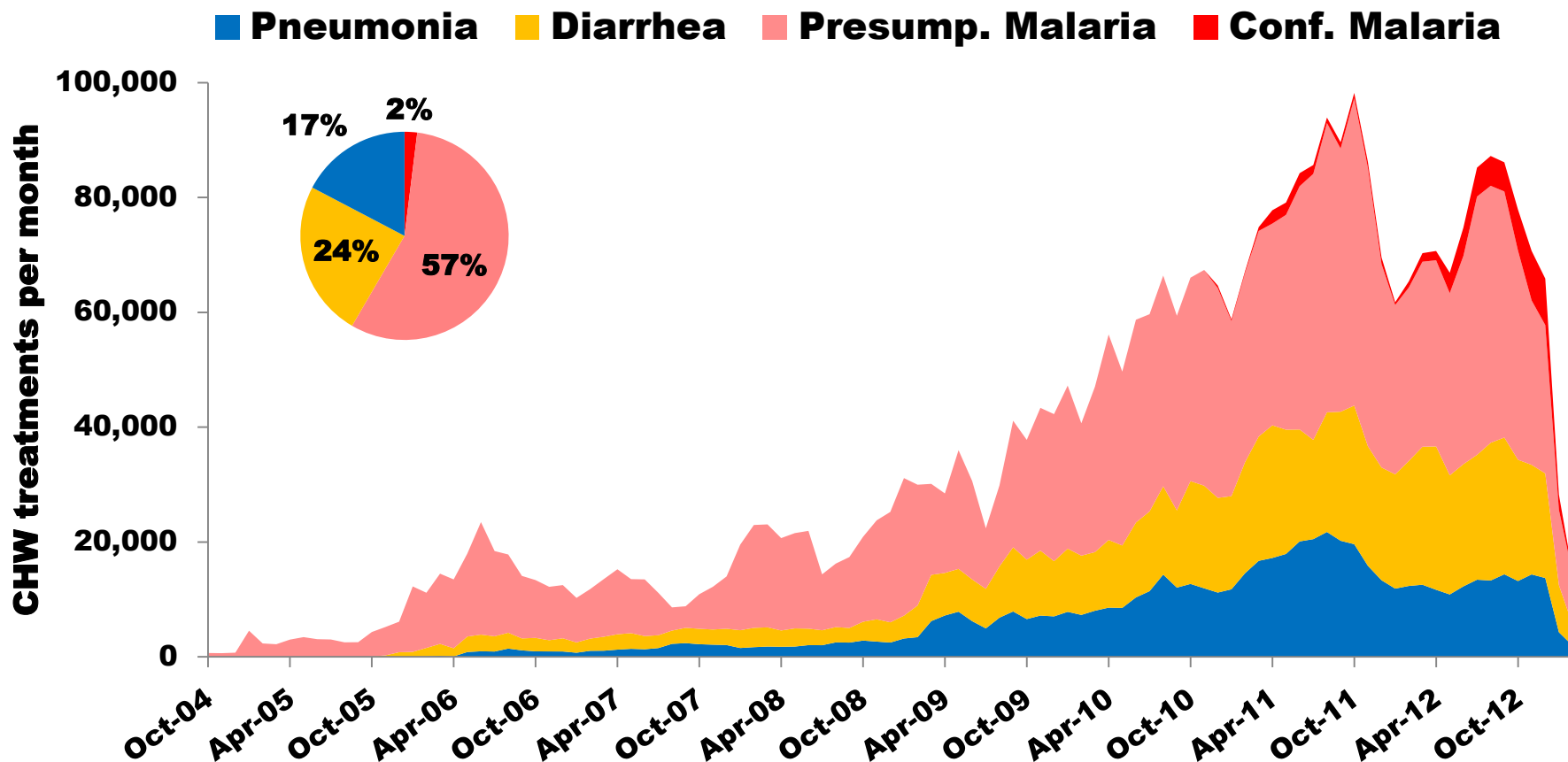
A map of the African continent with a light beige background and dark grey borders. Several regions are highlighted in a dark red color. These include a small area in West Africa (Sierra Leone), a larger area in West Africa (Liberia and Ivory Coast), a large area in East Africa (Ethiopia, Sudan, and South Sudan), and a small area in East Africa (Kenya).

4.7 million people
14,000 CHWs
26 districts

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CHWs delivered 4 million treatments over 9 years



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**Quality of
care**

**Utilization
of iCCM
services**

**Coverage of
appropriate
care by
ANY
provider**

**Mortality 2-
59 months
of age from
all causes**

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Community Health Worker (CHW) Patient Register












Community Health Worker (CHW) Program



Name of CHW: _____ Month: _____

Village: _____ Year: _____

PHU: _____ CHW No: _____

| No. | Date | Patient's name | Village  | Sex | | Age | | MUAC | | | Fever | | Diarrhea | | Cough | | Breaths per minute  | Pneumonia  | Referred  | Reason for referral  | |
|-----|------|----------------|--|---|---|-------------|-----------|---|--|---|---|------------|------------|------------|------------|------------|---|--|---|--|------------|
| | | | |  |  | 2-11 months | 1-5 years |  |  |  |  | < 24 hours | > 24 hours | < 24 hours | > 24 hours | < 24 hours | | | | | > 24 hours |
| | | | | | | | | | | | | | | | | | | | | | |
| 1. | | | | | | | | | | | | | | | | | | | | | |
| 2. | | | | | | | | | | | | | | | | | | | | | |
| 3. | | | | | | | | | | | | | | | | | | | | | |
| 4. | | | | | | | | | | | | | | | | | | | | | |
| 5. | | | | | | | | | | | | | | | | | | | | | |
| 6. | | | | | | | | | | | | | | | | | | | | | |
| 7. | | | | | | | | | | | | | | | | | | | | | |
| 8. | | | | | | | | | | | | | | | | | | | | | |
| 9. | | | | | | | | | | | | | | | | | | | | | |
| 10. | | | | | | | | | | | | | | | | | | | | | |

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SUPERVISION CHECKLIST FOR VHTs

Supervision is an essential stage in ensuring an effective community case management program. In order for it to be effective, supervisors need to have a clear understanding of what needs to be done and why. Do not conduct any supervision without the supervision checklist instructions.



| SECTION A: GENERAL INFORMATION | |
|--|--|
| Supervisor Name: _____ | VHT Name: _____ |
| Health Facility: _____ | |
| Reporting Month: _____ | |
| SECTION B: REGISTER REVIEW | |
| Refer to the instructions: | |
| Findings: | |
| Action: | |
| SECTION C: AVAILABILITY OF DRUGS AND SUPPLIES | |
| 1. 4 or more ORS sachets <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Replenish 2. 2 or more Zinc blisters <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Replenish 3. 2 or more red Amoxi blisters <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Replenish 4. 2 or more green Amoxi blisters <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Replenish | 5. 2 or more yellow coartem blisters <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Replenish 6. 2 or more blue coartem blisters <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Replenish 7. Respiratory timer working <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Replenish 8. 5 Job aids <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Replenish 9. Referral forms <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Replenish |
| SECTION D: STORAGE OF DRUGS AND SUPPLIES | |
| 10. Drugs kept in a locked box in a dry place <input type="checkbox"/> Yes <input type="checkbox"/> No | 11. Supplies kept clean and dry <input type="checkbox"/> Yes <input type="checkbox"/> No |
| SECTION E: CORRECT USE OF RESPIRATORY TIMER | |
| 12. Correct respiratory rate (within 3 of standard) <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| SECTION F: PATIENT VISIT | |
| 13. Child's age (months) <input style="width: 50px;" type="text"/> | |
| 14. Child's symptoms (as in VHT register) <input style="width: 30px;" type="text"/> <input style="width: 30px;" type="text"/> <input style="width: 30px;" type="text"/> <input style="width: 30px;" type="text"/> | |
| 15. Child's symptoms (as reported by person) <input style="width: 30px;" type="text"/> <input style="width: 30px;" type="text"/> <input style="width: 30px;" type="text"/> <input style="width: 30px;" type="text"/> | |
| 16. Are the symptoms reported by person the same as the ones in VHT register? <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| 17. Drugs given by the VHT to the person | |
| Amoxi (G) blisters Amoxi (R) blisters ORS sachets Zinc blisters Coartem (Y) blisters Coartem (B) blisters | |
| <input style="width: 40px;" type="text"/> | <input style="width: 40px;" type="text"/> <input style="width: 40px;" type="text"/> <input style="width: 40px;" type="text"/> <input style="width: 40px;" type="text"/> <input style="width: 40px;" type="text"/> <input style="width: 40px;" type="text"/> |
| 18. If the child had just cough, was Amoxi given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA | |
| 19. If the child had pneumonia, was the correct treatment given for the child's age? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA | |
| 20. If the child had diarrhea, was the correct treatment given for the child's age? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA | |
| 21. If the child had fever, was the correct treatment given for the child's age? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA | |
| 22. Does the balance of the blisters/sachets correspond to the expected treatment? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA | |

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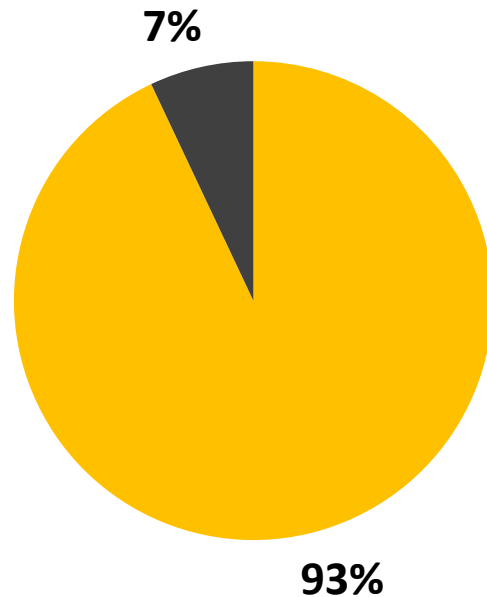
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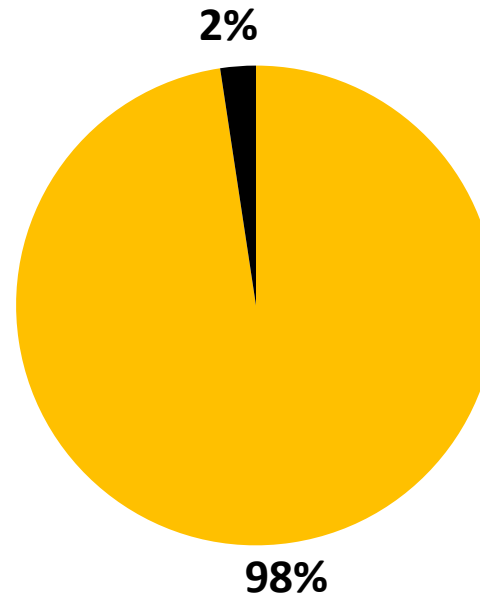
Supervision data was reassuring regarding CHWs' performance

% of CHWs who performed during a supervision (2010)

Correct breathing count (N= 24,367)



Correct pneumonia treatment (N = 3,061)



■ Correct
■ Incorrect

Yes, if not true, tick No and give advice.)

11. Supplies kept clean and dry
(Ask the VHT to show you where he/she keeps the supplies. Supplies should be kept inside a bag either hanged or on a shelf away from children and water. If this is true, tick Yes, if not true, tick No and give advice.)

SECTION F: CORRECT USE OF RESPIRATORY TIMER

12. Correct respiratory count (within 3 of standard)
*You have to assess the VHT's capacity to use the respiratory timer correctly. You will need to have a child under five years with the permission of the parent. Once the child is available, both the VHT and the supervisor will have to start counting separately at the beep of the timer and stop counting after the second beep (timers do a beep after 30 seconds). The VHT and you will write on a piece of paper or on their hands the number of breaths without consulting with each other. After that, the child and the parent will leave the VHT house. The VHT and you will compare the counts. If the difference between both counts is of 3 or less, the VHT and you agree and you will tick Yes. If the difference between your counts is 4 or above, the VHT and you don't agree and you will tick No.
If you ticked No, you will have to get another child and count the breaths, but this time together and aloud.
If during the counting, any of the children appear to have fast breathing according to the supervisor, the VHT will give treatment or refer. This is a great chance for the supervisor to see if the VHT knows how to take care of a sick child.*

SECTION G: PATIENT VISIT

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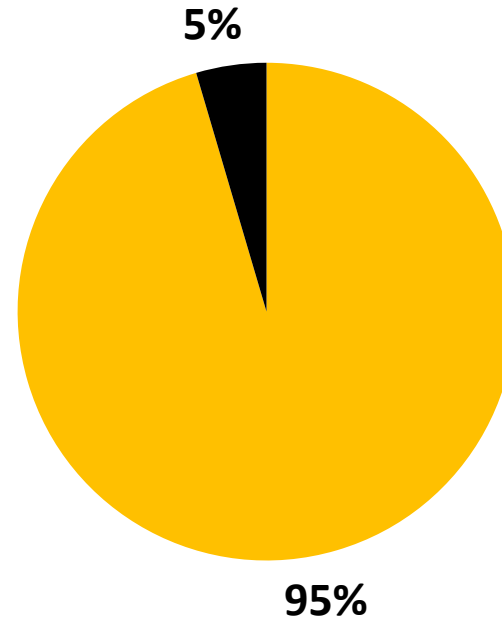
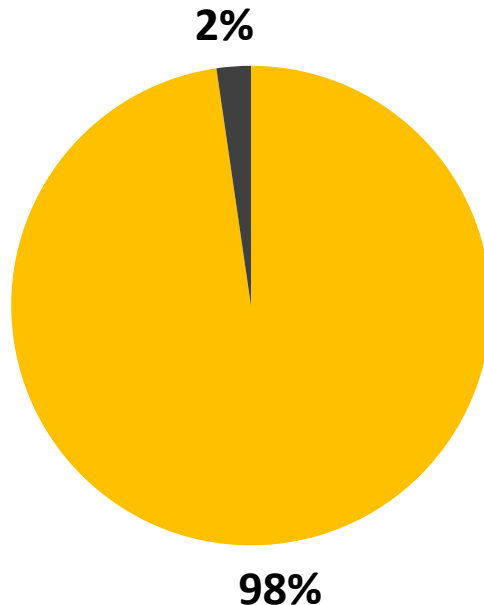
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Supervision data didn't change

% of CHWs who performed during a supervision (2011-12)

Correct breathing count (N = 95,400)

Correct pneumonia treatment (N= 26,800)



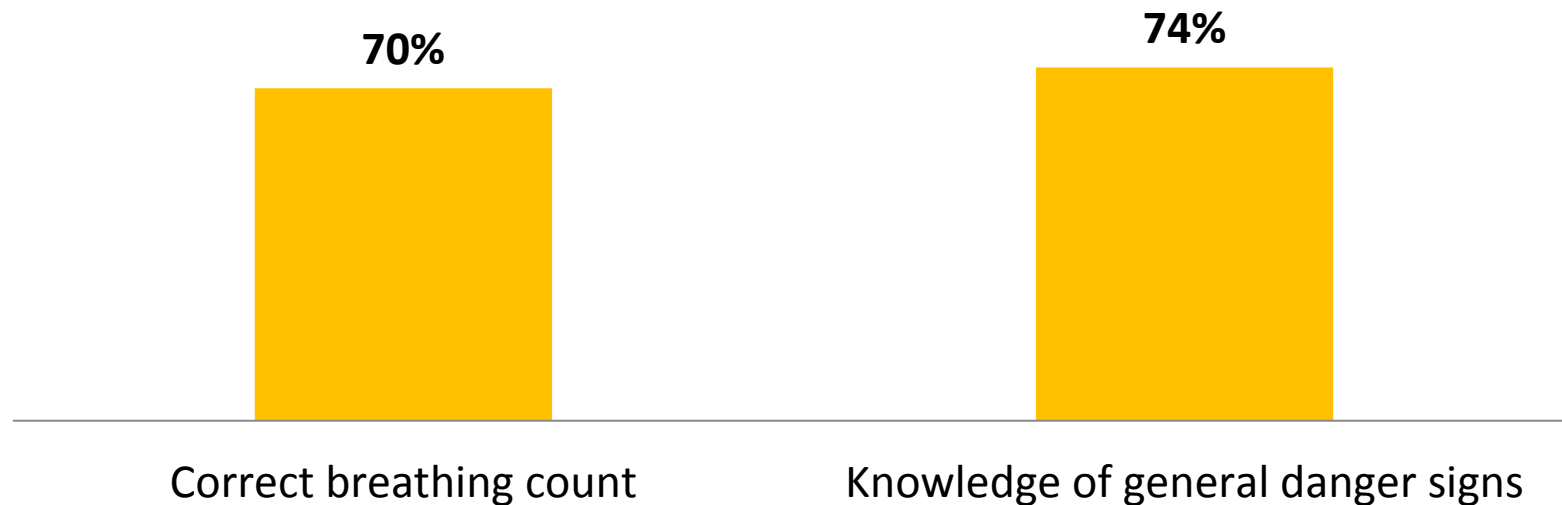
■ Correct
■ Incorrect

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Peer supervisors were having competence problems

% of peer supervisors who performed during a competence assessment (n=23)



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But were health facility workers the solution?

CHW's skills in counting breathing rate during supervision (Rwanda, 2010-11) (n=50,775)

■ % correct ■ % incorrect



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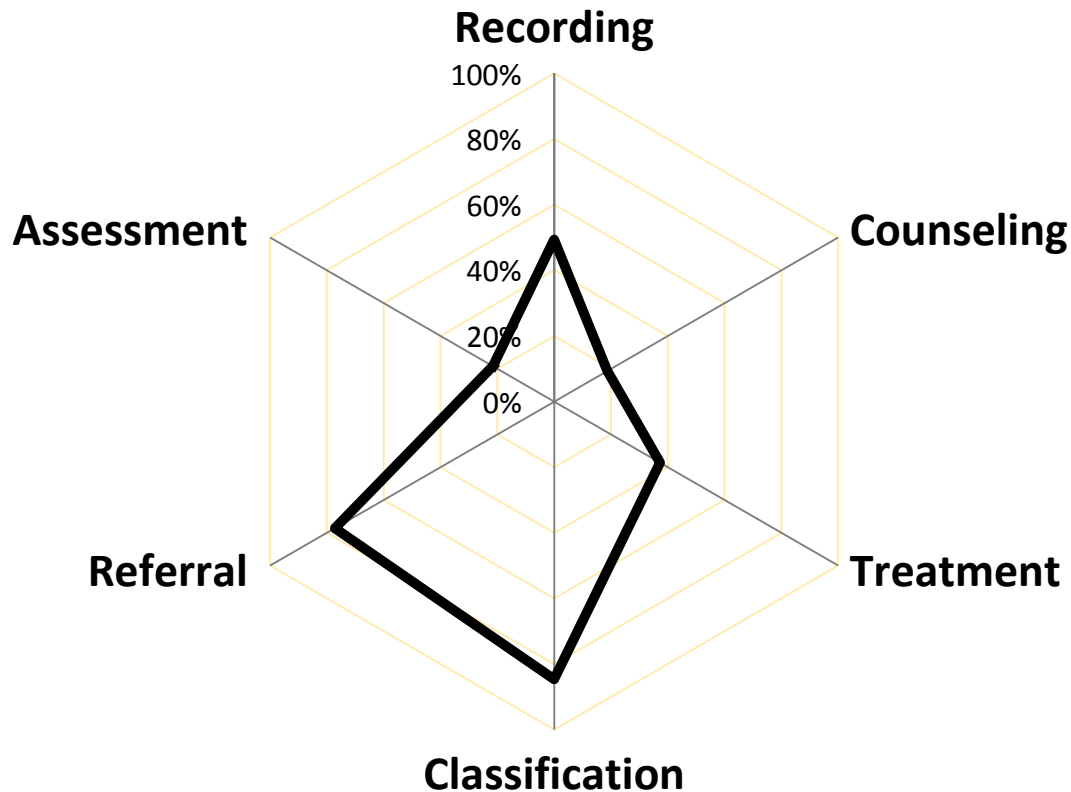


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QoC data provided a better picture about the potential performance of CHWs

% of CHWs with the skills

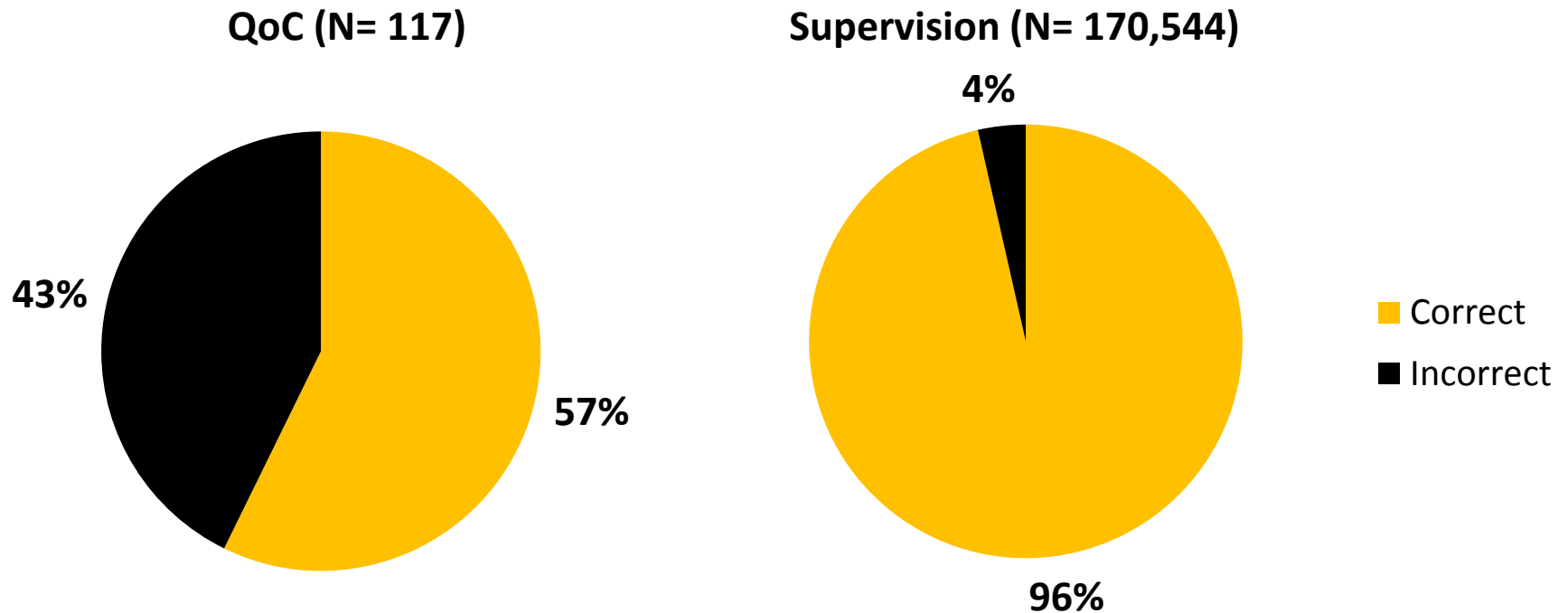


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CHWs' skills depended on the measurement method

% of CHWs who could count breathing rate correctly



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