

# 20 Years of Clinical Practice Guideline Development

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Remote Primary Health Care Manuals

Guidelines International Network Conference 2011



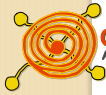
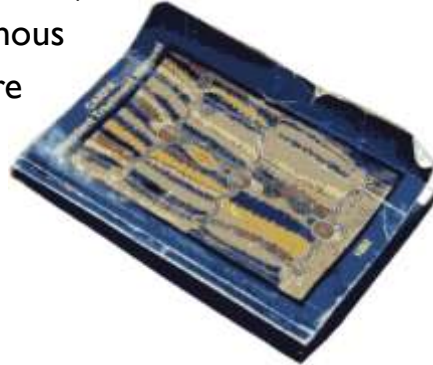
## Guidelines – what we know

- Evidence-based clinical guidelines are one of the most effective tools for improving quality of health care
- Translation into practice can be difficult
- Uptake is strongly influenced by their perceived relevance and the level of user participation in their development
- ‘For the user by the user’ works



## CARPA Standard Treatment Manual

- Central Australian Rural Practitioners Association Inc (CARPA)
- Remote and Indigenous
- Primary Health Care
- 1<sup>st</sup> edition
  - 1992
- 5<sup>th</sup> edition
  - 2009



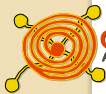
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## CARPA Standard Treatment Manual



- Daily
  - Common presentations
- Deadly
  - High risk presentations
- Daunting
  - Unfamiliar or dangerous presentations



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### Broken Jaw

Treat any serious injuries to face below cheek bones as a broken jaw. If not treated can lead to bone infection.

#### Ask

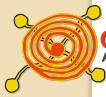
- About pain, especially when moving jaw
- If teeth meet properly when mouth closed
- About any trouble swallowing or eating

#### Check

- Look in mouth – do upper and lower teeth meet together properly
- For swelling or bleeding in mouth
- Look for teeth in 1 jaw not lining up properly
- Look for difference in outline between 1 side of jaw or face and the other
- Feel for a step in the line of teeth or jaw
- Tetanus status, give if needed (p379)

#### Do – if you think jaw is broken

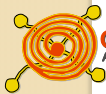
- Give **metronidazole** oral (doses p401)
- AND **Amoxicillin** oral (doses p393)
  - If allergic to **penicillin**, talk with a specialist
- Splint jaw (CRANA CPM p222)
- Give anti-emetic IM to stop vomiting, eg **metoclopramide** or **prochlorperazine** (Table 6.10 p318)
- Give pain relief – may be severe (p350)
  - If young child – talk with a paediatrician
  - Most comfortable position is sitting up and leaning forward
- Send to hospital



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## Catchment

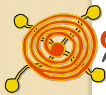


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## Remote Primary Health Care Manuals

- CARPA Standard Treatment Manual (5<sup>th</sup> ed)
- *Minymaku Kutja Tjukurpa* Women's Business Manual (4<sup>th</sup> ed)
- Clinical Procedures Manual for remote and rural practice (2<sup>nd</sup> ed)
- RPHCM Reference Book (2<sup>nd</sup> ed)
- Medicines Book for Aboriginal Health Workers (2<sup>nd</sup> ed)



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## Medicine Book Icons



How it works



Warnings



Side effects



Tell the patient



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## Model

- Iterative process incorporating
  - Evidence review
  - Expert advice
  - User participation
- Contributors a combination of
  - Multiple professions
  - Content experts
  - Context specialists
  - Remote practitioners

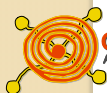
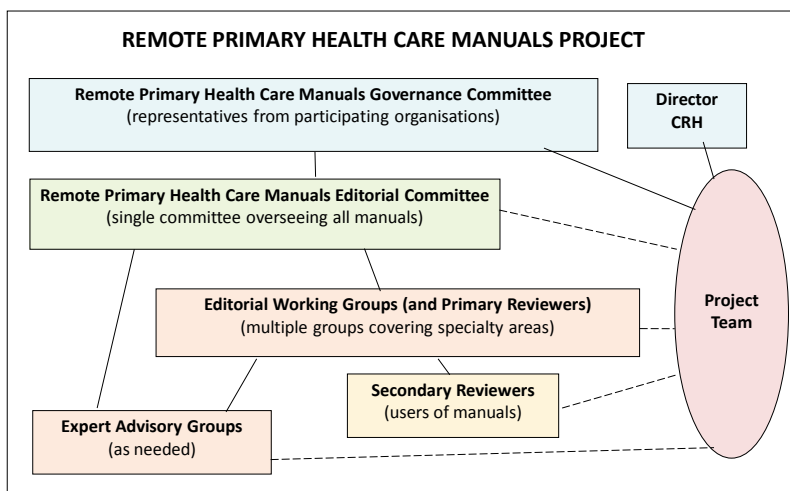


## Limitations

- Reviewing and updating guidelines is time and resource intensive
- Health service provision is becoming more complex
- Success is a double edged sword
- Model relied on:
  - Volunteers – many work on multiple manuals
  - Multiple repeat funding applications



## Governance Structure

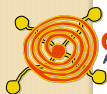


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## Review and Revision Process

- Governance Committee
  - **Strategic guidance**
- Editorial Committee
  - Single committee for all manuals
  - Processes, continuity
  - Content, context, best practice, guideline development
  - **Quality assurance**
- Editorial Working Groups
  - Content area not manuals
  - Identify primary and secondary reviewers
  - Content, context and contacts
  - **Consistency**

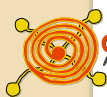


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## Review and Revision Process

- Primary Reviewers
  - Expert knowledge
  - Evidence review
  - +/- Remote context
  - **Content**
  
- Secondary Reviewers
  - Users in the field
  - Language and flow – does it make sense
  - Usability – will it work
  - **Context**

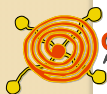


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## Review and Revision Process

- Expert Advisory Groups
  - Substantial change
  - Particularly complex
  - Potentially contentious
  - **Clarity**
  
- Project team
  - Three paid staff
  - Support volunteers
  - Manage project
  - Maintain content management system
  - **Completion**



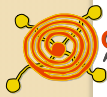
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# Content Management System

## Electronic editing

- Access
  - Log on - individual ID
    - Level of access
    - Map contribution
  - Multiple users – same content
  - Single revision – multiple uses
- Process
  - Real time
  - Predetermined formatting
  - Documented discussion
  - Audit trail of changes



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- Tea and coffee (which contain phytates) inhibit iron absorption from food
- Red meats have highly absorbable iron and help promote absorption of iron from other foods

**Avoid in pregnancy:**

- Foods that may lead to Listeriosis:
  - Use only **pasteurised, pasteurised, UHT or** long life milk and milk products
  - Avoid soft/mouldy cheeses, uncooked or undercooked pre-prepared meals/sliced meats
  - Thoroughly wash raw vegetables including pre-prepared salads
- **Use only pasteurised or long life milk and milk products**
- **Avoid soft/mouldy cheeses; uncooked or undercooked pre-prepared meals/sliced meats**
- **Thoroughly wash raw vegetables including pre-prepared salads**

**Nutritional supplements:**



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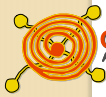
Electronic publishing – web and CD-ROM

- Cross referencing
- Single revision – multiple data
- Decision support

Hard copy publication

- Formatted ready for publication

[www.remotephcmanuals.com.au](http://www.remotephcmanuals.com.au)



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Australian Government  
Department of Health and Ageing