# A Simple and Sturdy Plaster Emergency Splint Using Cardboard

## Keywords: disaster, cardboard, first aid





**GOOD HEALTH** 

**AND WFIL-BFING** 

- $\clubsuit$  Sturdiness  $\rightarrow$  Keep injuries at rest



#### Suggestion2

#### Share with Disaster Victims

 Simple drawing with only straight lines Universal paper size

→ No special emergency store

### Conclusion

- ✓ Make plaster emergency splint with one sheet of cardboard
- Refine the design while conducting strength tests
- Standard A size

 $\rightarrow$ Balance simplicity and sturdiness

✓ Universal paper size (ISO216 A series)

 $\rightarrow$ Easy to share and adjust the scale



-- Adjust the scale

➡ • Share on SNS

- Optimize the design using programing Have people actually use it & Ask a doctor for advice  $\rightarrow$  Play a sufficient role as a medical device
- Improve sanitation
- Make it more comfortable



### References

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