Health care at the workbench of the basketmaker

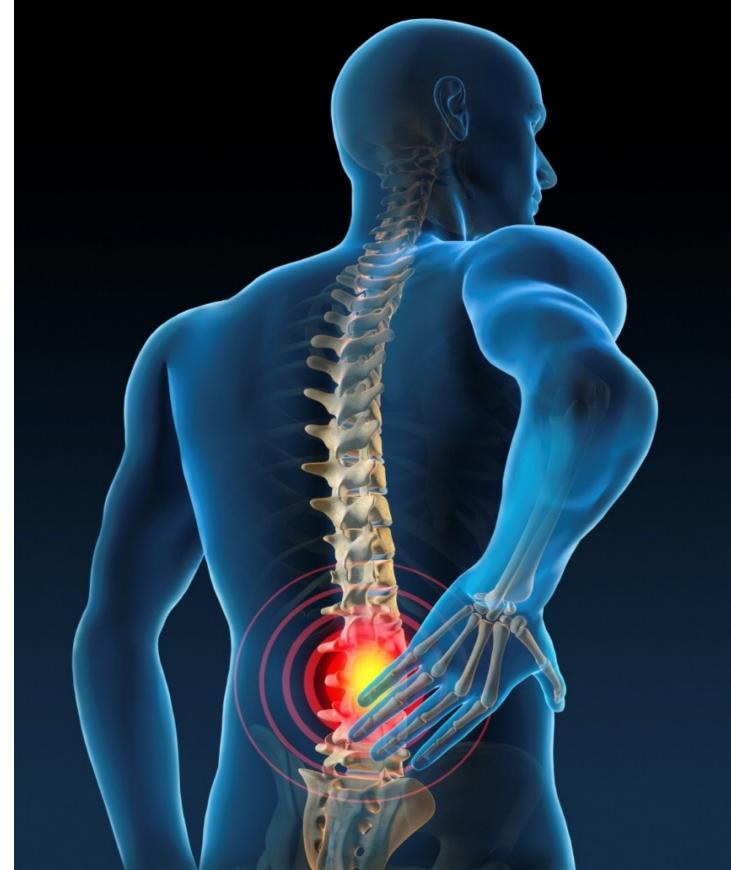
- **Research**: J. en B. Moeyersons, Master in Sport Sience University of Leuven Study object : basketmaker Lieve Lieckens, Belgium
 - (www.mandenvlechten.be)
- Forum : ZEF Korbmarkt | Basketry Fair 2023 Speaker : Kurt Moeyersons





The ergonomic research question:

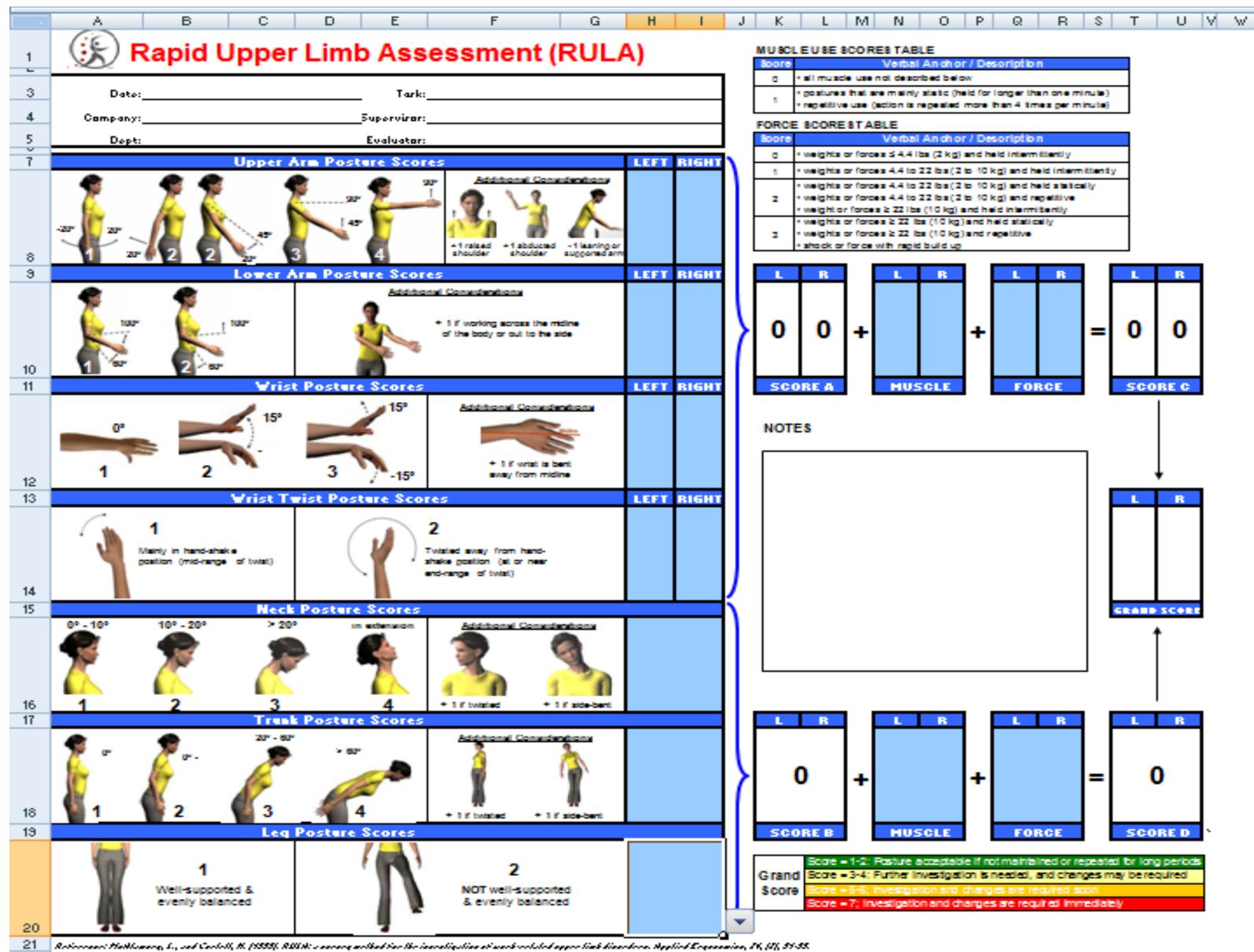
"Can the basket-maker's work environment be improved to limit the neck and back pain ? "







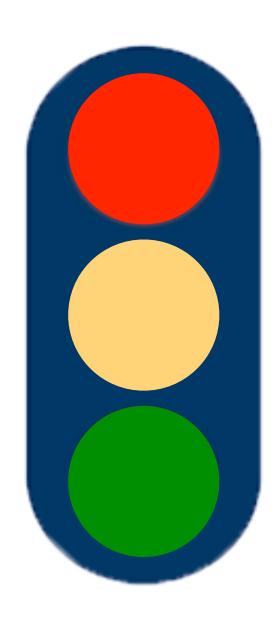
Methodology





Methodology

	Score = 1-2: Posture acceptable if not main
	Score = 3-4: Further investigation is needed
Score	Score = 5-6; Investigation and changes are
	Score = 7; Investigation and changes are re-



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ntained or repeated for long periods ed, and changes may be required

e required soon

required immediately



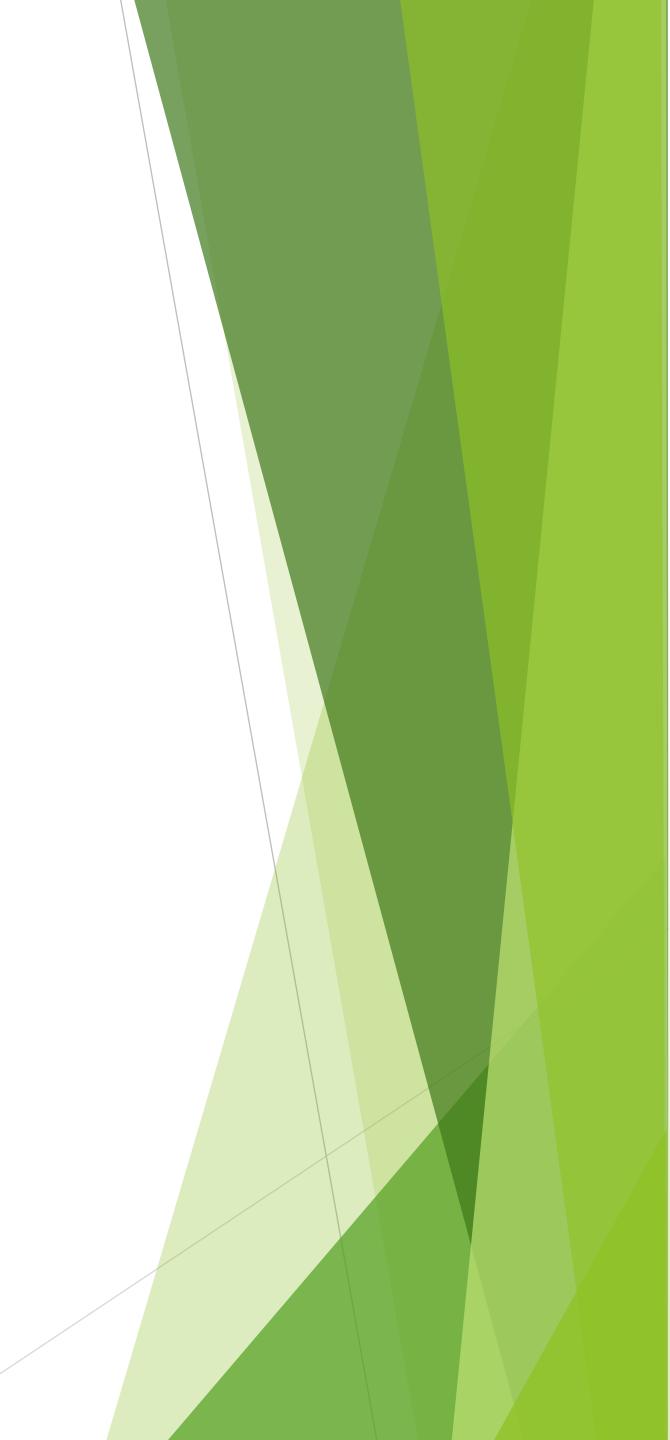


Making a basket

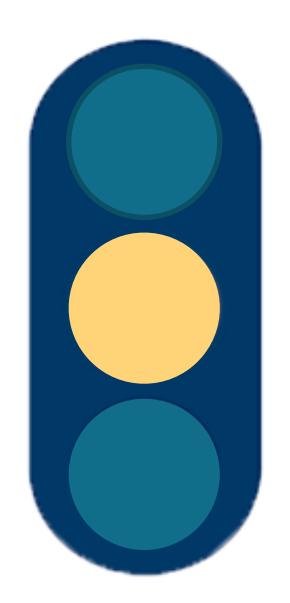
- Phase 1: Choosing and sorting wicker branches
- Phase 2: Creating the bottom
- Phase 4: Finish border and handle

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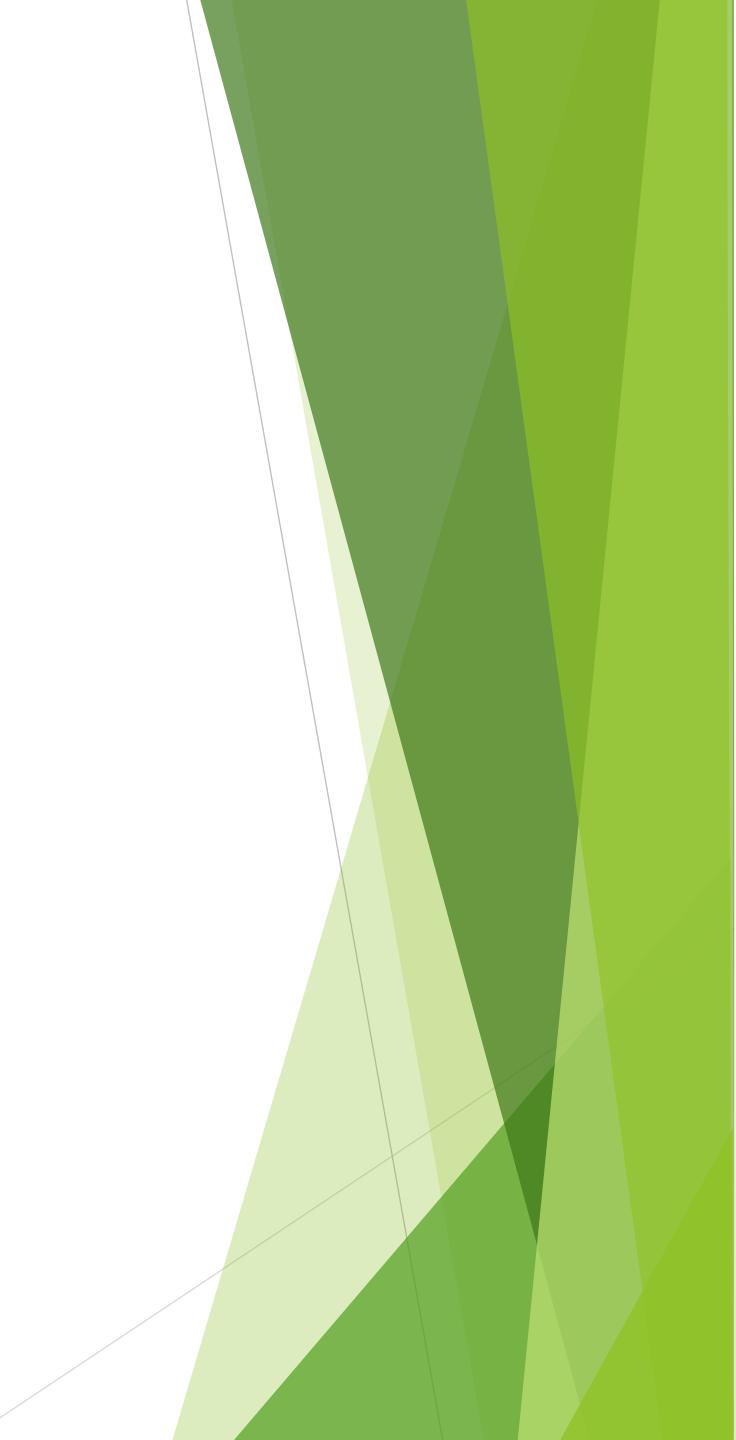
Phase 3: Fitting / installing the uprights and braiding the walls



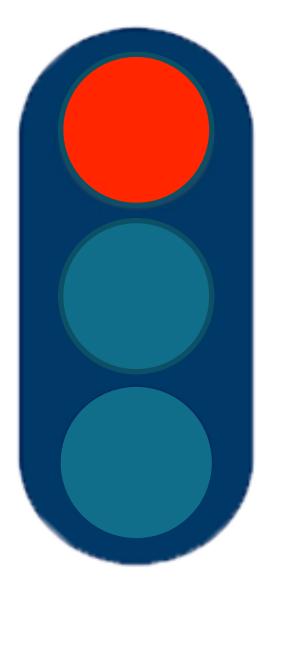
Phase 1: Choosing and sorting wicker branches



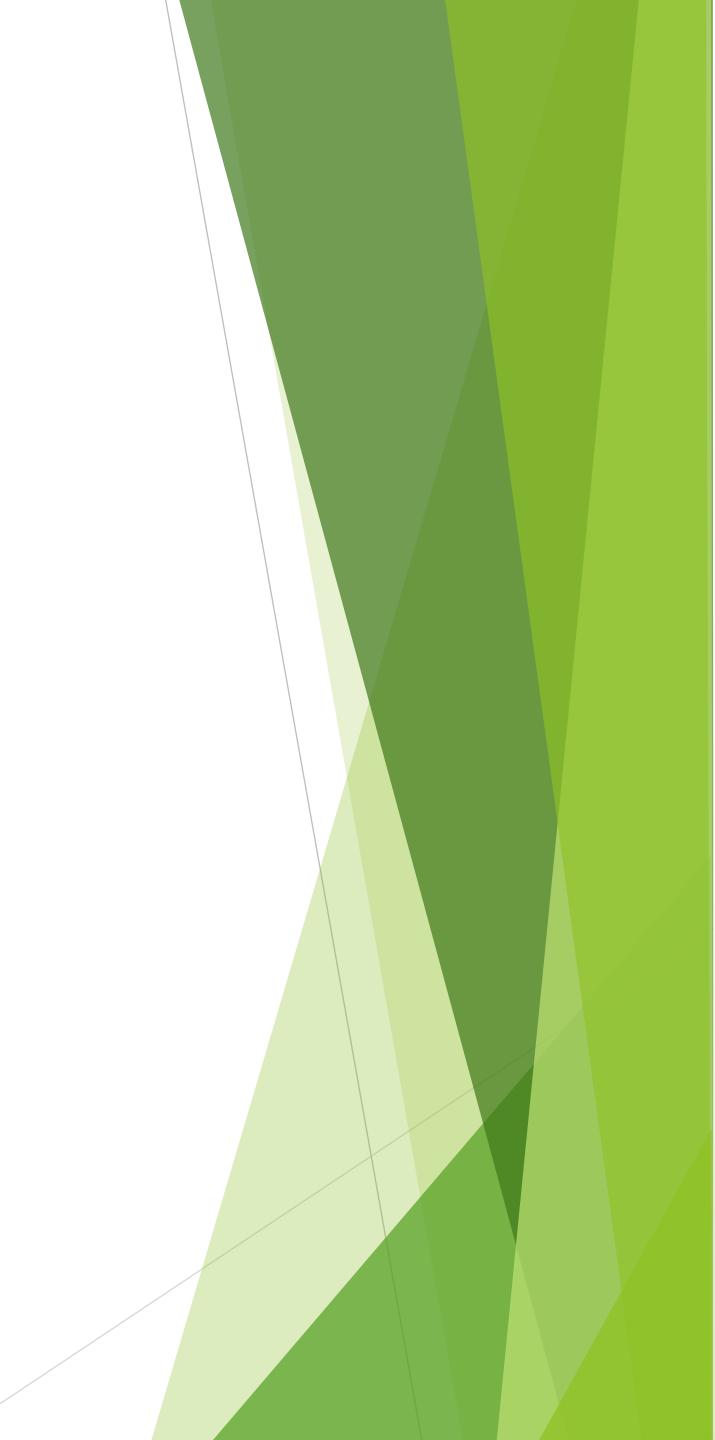




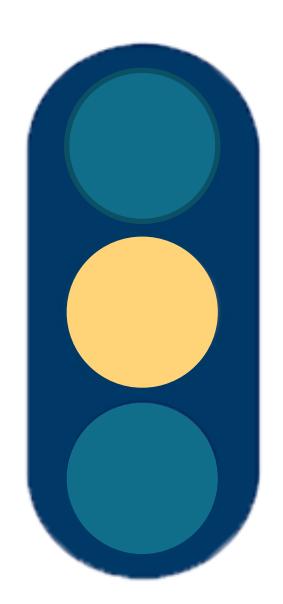
Phase 2: Creating the bottom



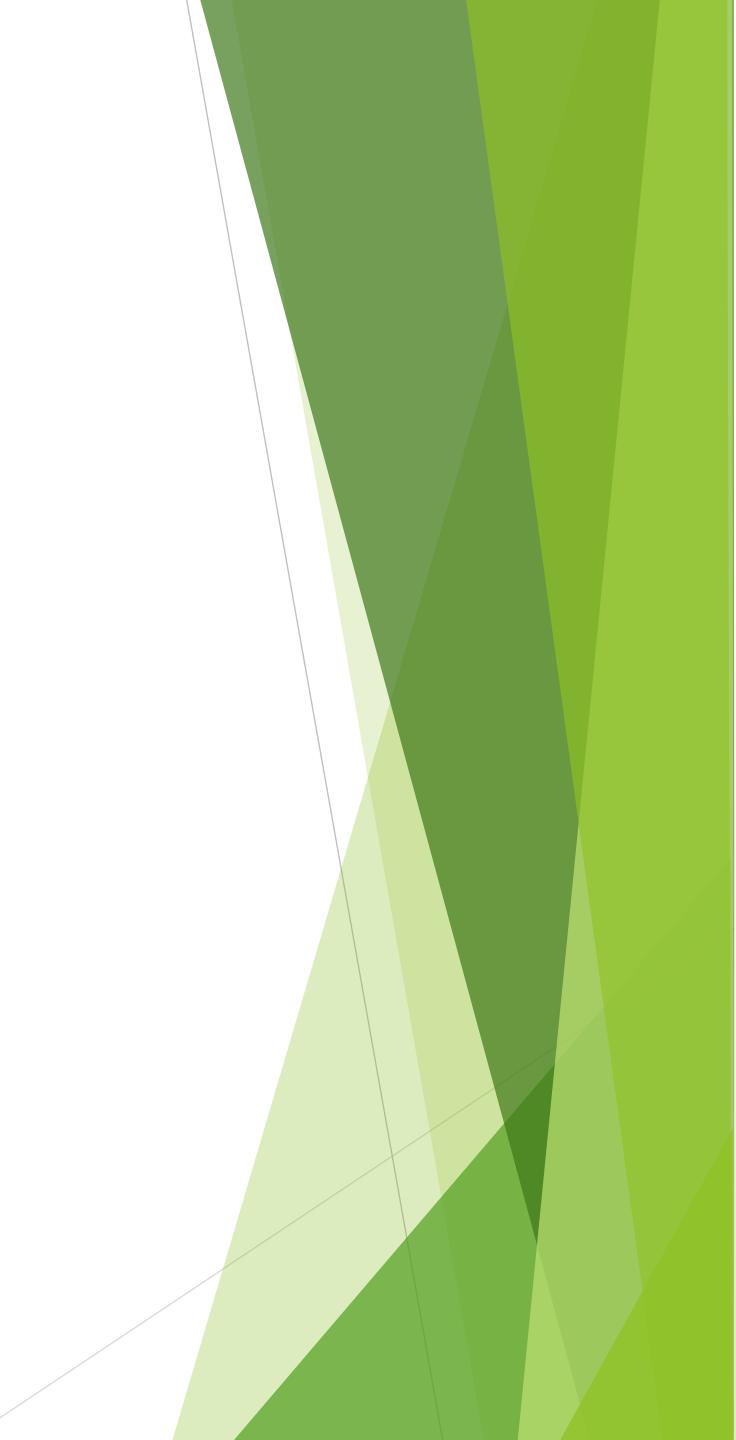




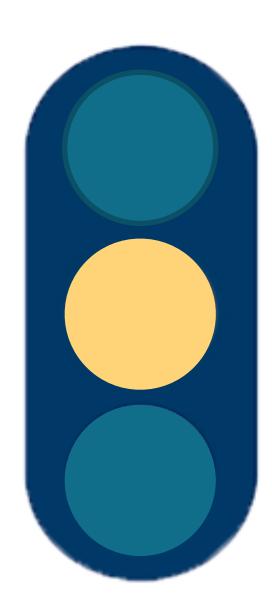
Phase 3: Fitting / installing the uprights and braiding the walls







Phase 4: Finish border and handle

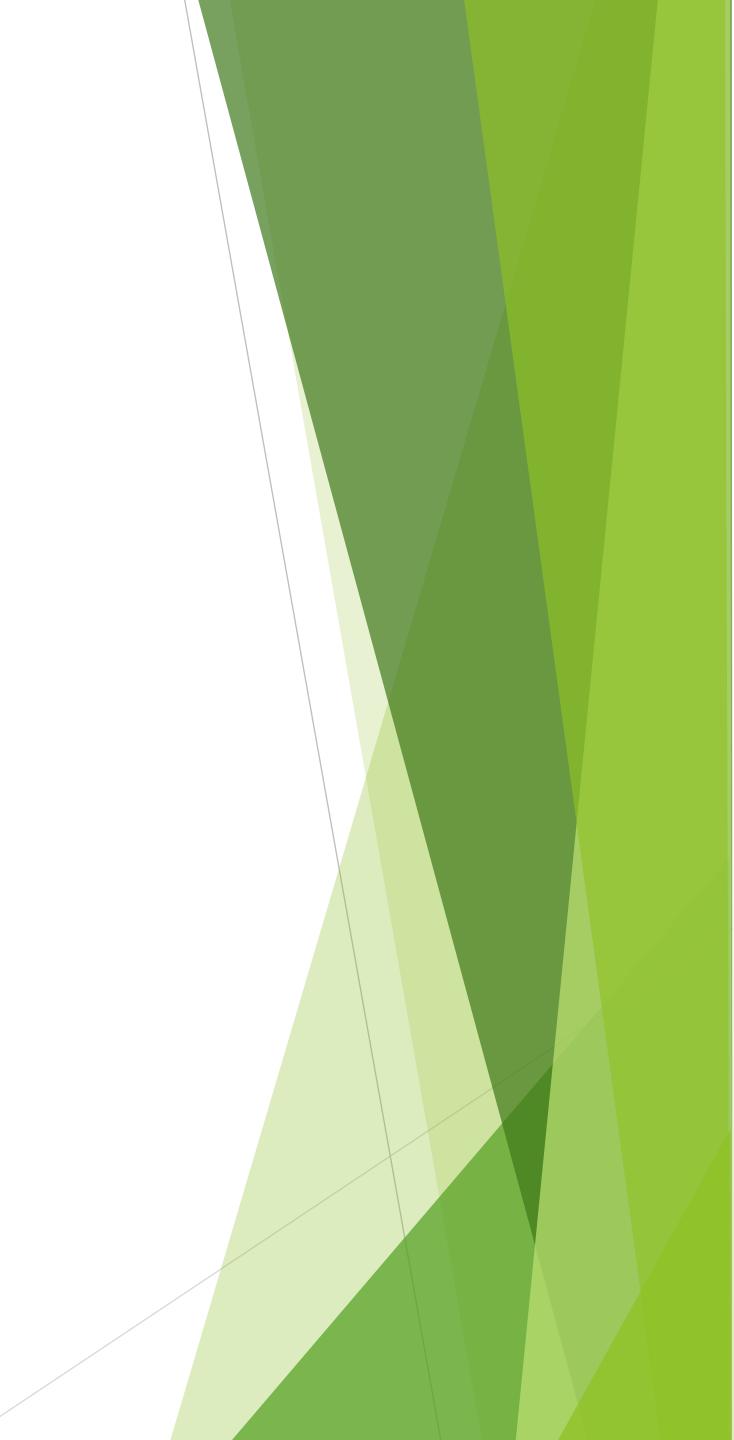






Observation of leg and seat positions





Solutions

Artisanal solutions

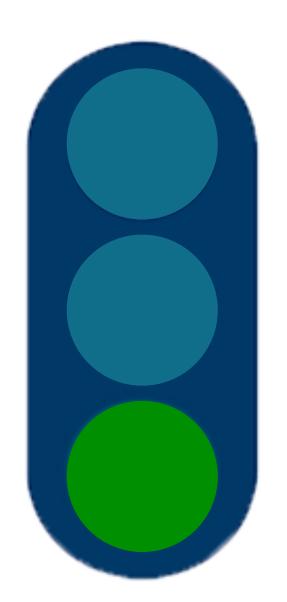
- Phase 1: Choosing and sorting wicker branches
- Phase 2: Creating the bottom
 - Phase 3: Fitting / installing the uprights and braiding the walls

(Electro)-mechanical solutions

Phase 4: Finish border and handle



Solution Phase 1: Choosing and sorting wicker branches







Solution Phase 1: Choosing and sorting wicker branches

Advantages

- Straight back
- Upper and lower arms in ideal position
- Cheap
- Easy to move
- Easily adjustable

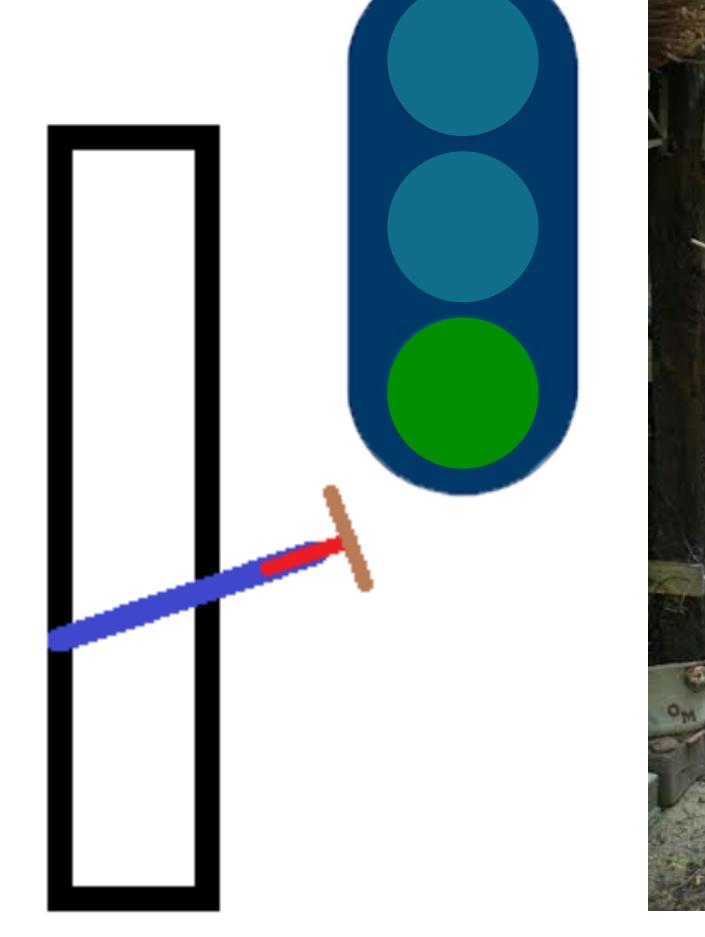
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• Disadvantages

 Bending of the neck can never be completely avoided

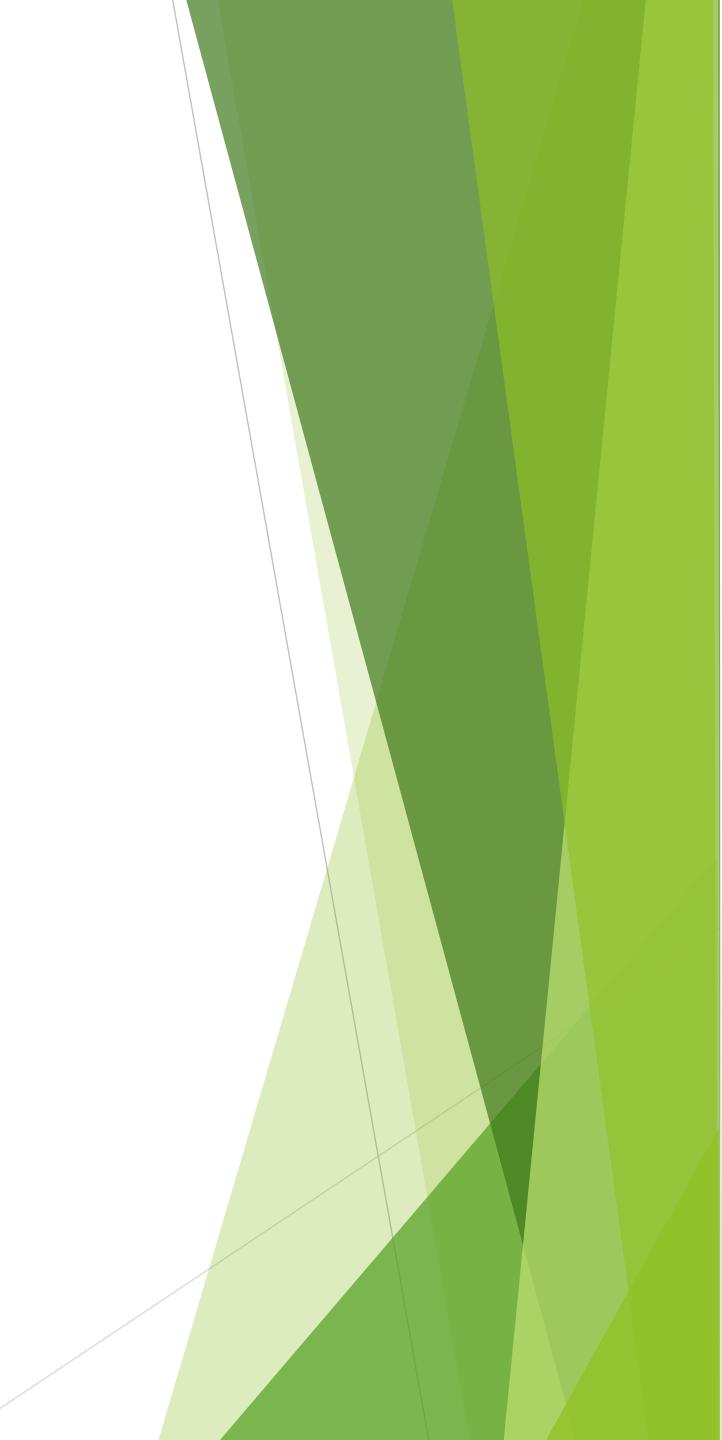


Solution Phase 2 : Creating the bottom

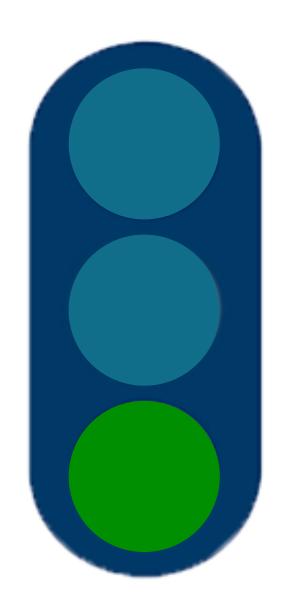


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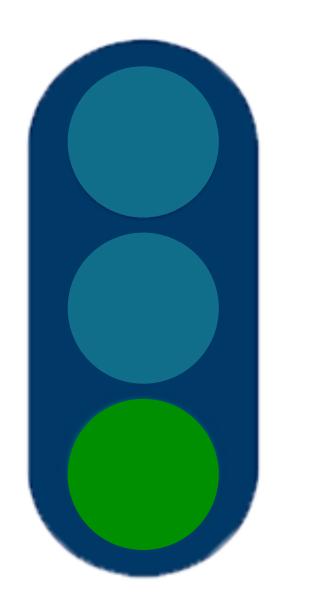
Solution Phase 3: Fitting / installing the uprights and braiding the walls

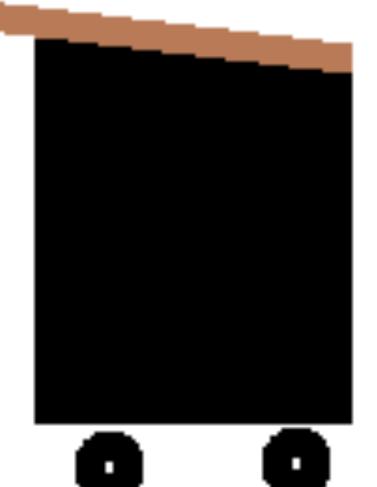






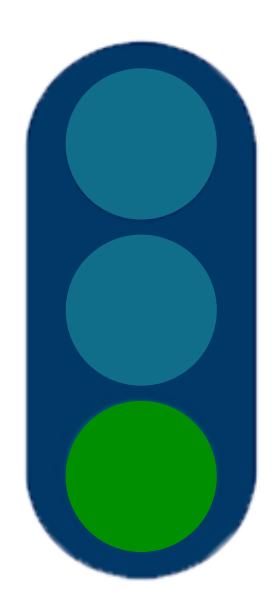
Solution Phase 3: Fitting / installing the uprights and braiding the walls







Solution Phase 4: Finish border and handle







Thank you for your attention!





