# optiTHERMM results

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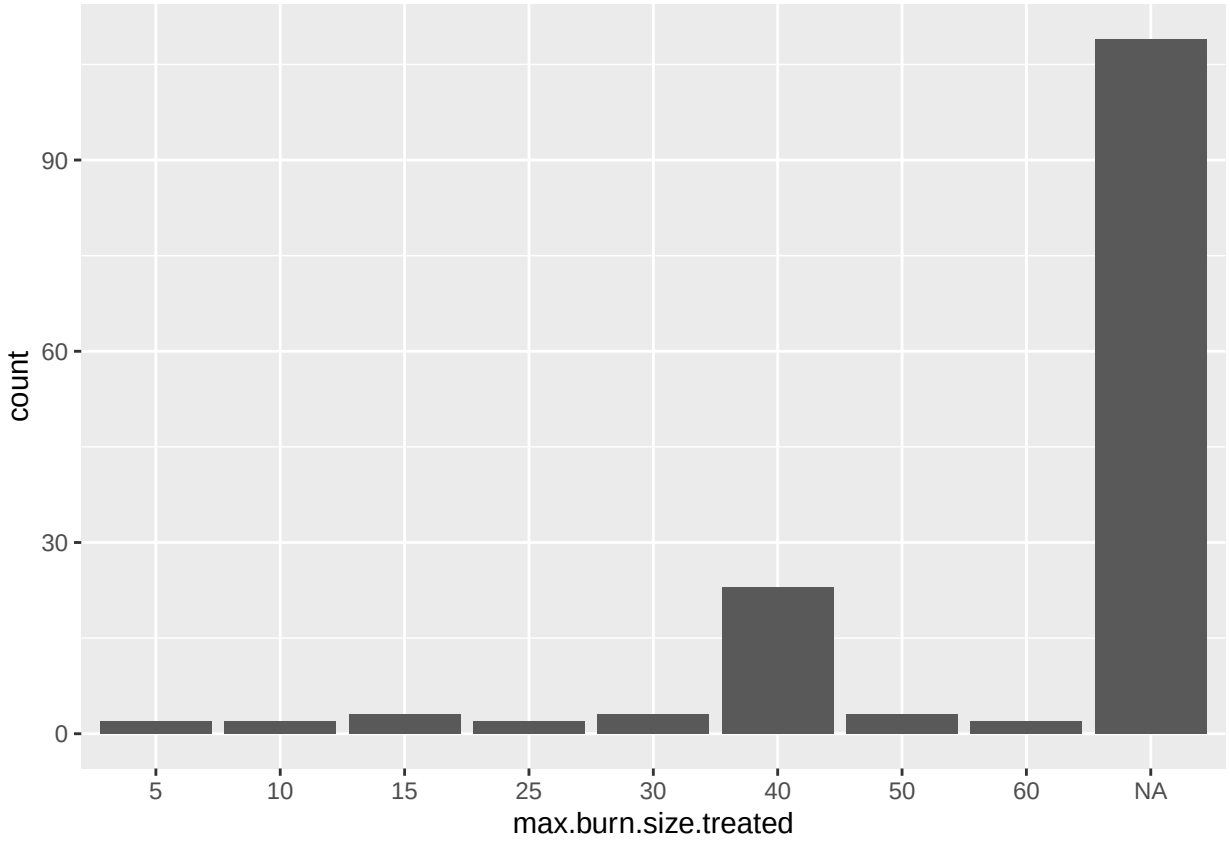
## Missing data

Summary: data was recorded completely. Missing data likely has no effect on our hypotheses.

## Descriptive statistics



## Figures

**Figure 1 - Flow chart schematic of responses to survey by doctor role and geographical region (For manual graphic design)**

**Figure 2 - Graphical schematic of study design (For manual graphic design)**

**Figue 3 - Respondents, based on geographical location (curent examples drawn by hand but could be mapped in R as coordinates are provided for each city)**

# Tables

## Table 1 - Tabulation of survey participants, their characteristics and responses by geographical region

```
## Table printed with `knitr::kable()`, not {gt}. Learn why at
## https://www.danieldsjoberg.com/gtsummary/articles/rmarkdown.html
## To suppress this message, include `message = FALSE` in code chunk header.
```

| Variable | N | Australia, N = 36 | New Zealand, N = 16 | UK (England, Scotland, Wales, Northern Ireland), N = 97 | p-value |
|---|---|---|---|---|---|
| **Please select your role within the burns team:** | 149 | | | | |
| Anaesthetist | | 4 (11%) | 10 (62%) | 26 (27%) | |
| General surgeon | | 7 (19%) | 0 (0%) | 0 (0%) | |
| Intensivist or critical care doctor | | 4 (11%) | 2 (12%) | 19 (20%) | |
| Other | | 1 (2.8%) | 0 (0%) | 3 (3.1%) | |
| Plastic surgeon | | 17 (47%) | 4 (25%) | 49 (51%) | |
| Surgeon in another surgical speciality | | 3 (8.3%) | 0 (0%) | 0 (0%) | |
| **Please enter the maximum burn size that can be treated by your hospital as a percentage of total body surface area (TBSA). For example, if your maximum burned area is 15% TBSA, enter the number 15 in the space below.** | 40 | | | | <0.001 |
| 5 | | 2 (33%) | 0 (0%) | 0 (0%) | |
| 10 | | 1 (17%) | 0 (0%) | 1 (3.0%) | |
| 15 | | 2 (33%) | 0 (0%) | 1 (3.0%) | |
| 25 | | 1 (17%) | 1 (100%) | 0 (0%) | |
| 30 | | 0 (0%) | 0 (0%) | 3 (9.1%) | |
| 40 | | 0 (0%) | 0 (0%) | 23 (70%) | |
| 50 | | 0 (0%) | 0 (0%) | 3 (9.1%) | |
| 60 | | 0 (0%) | 0 (0%) | 2 (6.1%) | |
| **There is emerging evidence that perioperative cooling of a patient with burns may have a beneficial effect. Would you be willing to be involved in a future clinical trial testing an intervention to cool a patient?** | 149 | | | | 0.003 |

| Variable | N | Australia, N = 36 | New Zealand, N = 16 | UK (England, Scotland, Wales, Northern Ireland), N = 97 | p-value |
|---|---|---|---|---|---|
| Not interested | | 12 (33%) | 1 (6.2%) | 15 (15%) | |
| Yes, in adults | | 16 (44%) | 6 (38%) | 54 (56%) | |
| Yes, in adults and children | | 3 (8.3%) | 9 (56%) | 17 (18%) | |
| Yes, in children | | 5 (14%) | 0 (0%) | 11 (11%) | |
| **Consider a patient at your hospital who is due to undergo burn surgery. Is there aminimum body temperaturebelow which you would delay burn surgery?** | 149 | | | | |
| We do not have a set minimum patient body temperature before starting burn surgery | | 7 (19%) | 4 (25%) | 19 (20%) | |
| Less than 32ºC (Less than 90ºF) | | 2 (5.6%) | 0 (0%) | 3 (3.1%) | |
| 32ºC (90ºF) | | 0 (0%) | 0 (0%) | 0 (0%) | |
| 33ºC (91ºF) | | 1 (2.8%) | 0 (0%) | 1 (1.0%) | |
| 34ºC (93ºF) | | 6 (17%) | 2 (12%) | 12 (12%) | |
| 35ºC (95ºF) | | 14 (39%) | 7 (44%) | 34 (35%) | |
| 36ºC (97ºF) | | 3 (8.3%) | 3 (19%) | 23 (24%) | |
| 37ºC (99ºF) | | 2 (5.6%) | 0 (0%) | 5 (5.2%) | |
| 38ºC (100ºF) | | 1 (2.8%) | 0 (0%) | 0 (0%) | |
| 39ºC (102ºF) | | 0 (0%) | 0 (0%) | 0 (0%) | |
| More than 39ºC (More than 102ºF) | | 0 (0%) | 0 (0%) | 0 (0%) | |
| **Consider a patient at your hospital who is due to undergo burn surgery. Is there a maximum body temperature above which you would delay burn surgery?** | 149 | | | | 0.044 |
| Less than 36ºC (Less than 97ºF) | | 0 (0%) | 0 (0%) | 0 (0%) | |
| 36ºC (97ºF) | | 1 (2.8%) | 0 (0%) | 0 (0%) | |
| 37ºC (99ºF) | | 0 (0%) | 0 (0%) | 0 (0%) | |
| 38ºC (100ºF) | | 0 (0%) | 0 (0%) | 1 (1.0%) | |

| Variable | N | Australia, N = 36 | New Zealand, N = 16 | UK (England, Scotland, Wales, Northern Ireland), N = 97 | p-value |
|---|---|---|---|---|---|
| 39ºC (102ºF) | | 4 (11%) | 1 (6.2%) | 8 (8.2%) | |
| 40ºC (104ºF) | | 0 (0%) | 3 (19%) | 23 (24%) | |
| 41ºC (106ºF) | | 1 (2.8%) | 0 (0%) | 3 (3.1%) | |
| More than 41ºC (More than 106ºF) | | 1 (2.8%) | 0 (0%) | 2 (2.1%) | |
| We do not have a set maximum patient body temperature before starting burn surgery | | 29 (81%) | 12 (75%) | 60 (62%) | |