**Evaluating the impact of decontamination interventions performed in sequence for mass casualty chemical incidents. Supplementary data**

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**Table S1:** Volunteer and study characteristics (min-max, **mean**, (SD)).

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| **Decontamination Condition** |
|  | 1 – Control(N = 11) | 2 – Dry + Interim(N = 11) | 3 – Wet + Interim(N = 11) | 4 –Dry + Interim + SOR (N = 11) | 5 –Wet + Interim + SOR (N = 11) |
| Participant age (years) | *23 – 56,* ***35.83*** *(10.75)* |
| Ambient temperature (°C) | ***23.32*** *(2.24)* | ***20.83*** *(2.32)* | ***21.58*** *(2.77)* | ***22.9*** *(2.2)* | ***21.26*** *(2.14)* |
| Quantity of white roll used for dry decontamination (no of sheets) | *-* | *3-20,* ***10*** *(4.95)* | *-* | *3-20,* ***9.83*** *(5.52)* | *-* |
| Time spent dry decontaminating (mm:ss) | *-* | *01:56-03:03,* ***02:40*** *(00:22)* | *-* | *01:42-03:05,* ***02:25*** *(00:21)* | *-* |
| Water temperature (°C) | Wet  | *-* | *-* | *19.1-26.8,* ***22.95*** *(1.71)* | - | *19.7-25.4,* ***22.1*** *(1.72)* |
| Interim | *-* | *14.9-21.6,* ***17.49*** *(2.18)* | *15.1-20.9,* ***18.48*** *(1.77)* | *11.8-21.1,* ***17.7*** *(2.98)* | *17-19.9,* ***18.31*** *(0.98)* |
| SOR | *-* | *-* | *-* | *27.1-37.0,* ***29.0*** *(3.29)* | *25.1-31.2,* ***28.66*** *(2.23)* |

**Figure S1:** Schematic representation of the simulant application sites.

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**Figure S2:** Schematic representation of the study protocol

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