

2021

環境關懷設計競賽

| Caring for the Environment Design Competition

佳作

Honorable Mention

冰補丁

ICE BAG plus

作者 Creator

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冰補丁是款包含保冷感溫變色凝膠與彈性黏扣肌效貼或彈性黏扣束帶的冰敷產品。使用者可先黏貼或纏繞肌效貼或束帶在身體受傷部位或關節處，並依受傷處的形狀來貼附多個保冷凝膠。小單元的保冷凝膠可改善傳統大面積冰敷造成的皮膚凍傷等問題；而矽膠底材的肌效貼與束帶可避免老年人與嬰幼兒產生皮膚過敏與避免皮膚直接接觸冰源造成的凍傷。保冷凝膠內的感溫變色微膠囊可顯色溫度變化，使用者藉此可即時更換或調整保冷凝膠。冰補丁因搭配專用肌效貼，可在運動後對肌肉做冰敷緩解痠痛。

ICE BAG plus is a small sized ice pack unit that contains cold reserving thermochromatic gel. Designed with elastic tiny hooks beneath, it can be easily fixed onto the matching elastic strap and Kinesiology tape, allowing users to arrange and assemble the placement of the ICE BAG plus units according to different sizes of injured body parts. In order to prevent the problem of frostbite due to the wide range of ice packing, the ice bags are made into small units. And the bottom of the elastic strap and Kinesiology tape are made by silicone to avoid the allergy or harm to elders and children caused by the direct contact of ice bags. The most important part of the design, the thermochromatic micro capsules in the thermochromatic gel, will change its color due to the change of its temperature, so the users are able to know when they should remove or replace the ice bags. Moreover, the special Kinesiology tape that comes with ICE BAG plus can also help relieve muscle soreness after exercising.



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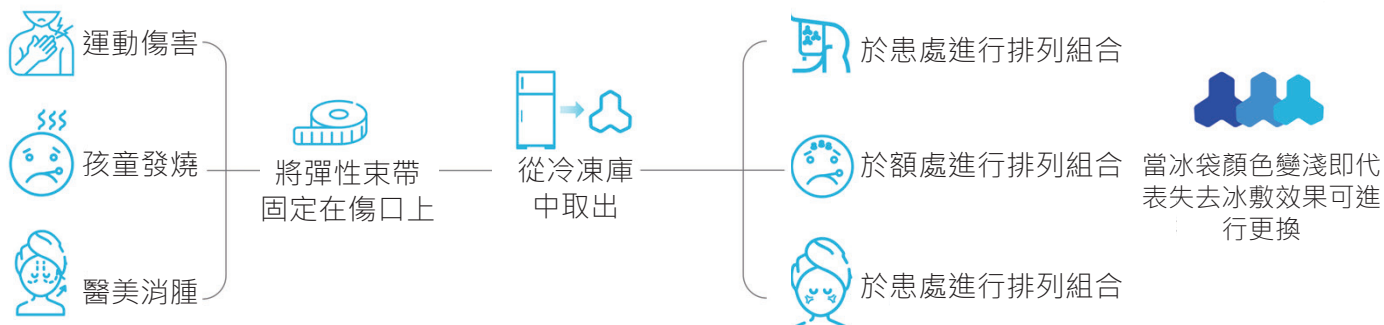
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設計理念



Design Information

