B BRAUN
SHARING EXPERTISE

Sol-Can® A

Acidic bicarbonate hemodialysis concentrate

Running a renal care center comes with a number of challenges. Improving workflow, streamlining processes, and controlling costs are just some of them. But understanding that dialysis treatment is resource intensive and has a substantial impact on the environment is another.

What if there were a way to make the dialysis process easier, more comfortable and more efficient? A solution that not only helps to save time and energy but also significantly reduces the carbon footprint on the environment? At B. Braun, we understand these challenges and are constantly finding new ways to improve the entire treatment process on a number of levels.

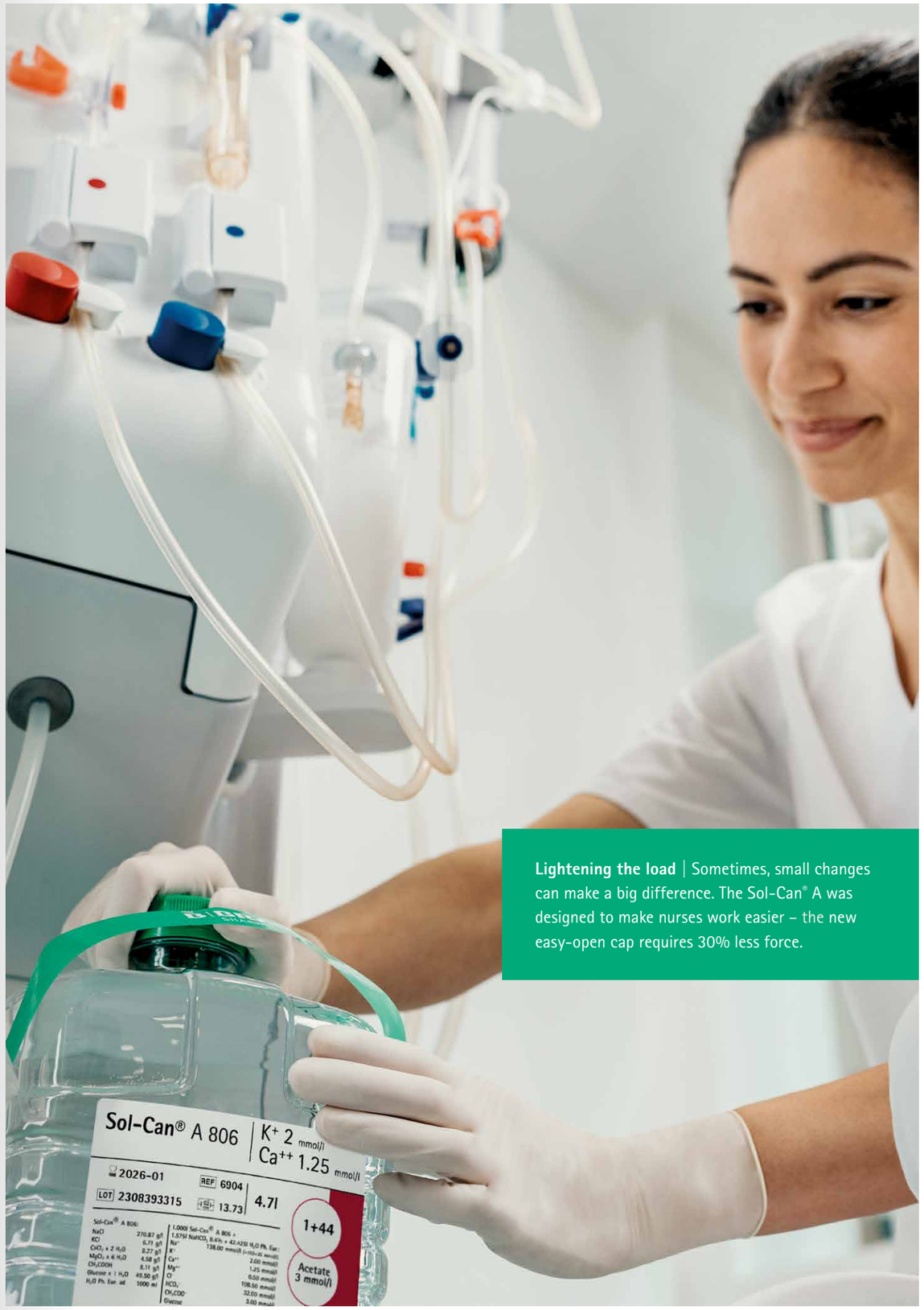
Sol-Can® A

When details make the difference.

Sometimes, less is more
Of course, for a nephrologist, the main focus is on patient well-being. But finding ways to improve efficiency while reducing the environmental impact is a big part of the role.

For the team, treating dialysis patients can be demanding work, not just emotionally but also physically. Keeping the storage area organized and fully stocked with the different solutions they use takes up a significant portion of their work day. Constantly unpacking and moving heavy canisters and dealing with waste management are strenuous and sometimes even uncomfortable parts of the job. Anything that can help to reduce the logistical workload will let them concentrate more on their patients and the patients' needs.

So we took a careful look at canister design. We wanted to think outside the box and had some specific goals in mind. The result is a uniquely shaped, more compact design that can make nurses day to day business more comfortable. We reduced packaging wherever possible and improved the labeling in a way that makes information easy to find, understand and use. In doing so, we can not only make their job easier, but also help make the entire dialysis process more sustainable.



Lightening the load | Sometimes, small changes can make a big difference. The Sol-Can® A was designed to make nurses work easier – the new easy-open cap requires 30% less force.

Sol-Can® A

The Sol-Can® A offers a number of features and design elements that can make dialysis treatment easier and safer while at the same time reducing its storage footprint and eliminating unnecessary packaging.

Easy insertion of suction rod

The new design makes suction rod insertion easy and makes it possible to achieve residual volumes of less than 50 ml.

Easy positioning

The Sol-Can® A is easy to maneuver and position stably on the base of the dialysis machine.

Dome-shaped base

The dome-shaped base means that canisters can be stacked in three layers of 40 canisters each. This help to ensure optimal transportation. Instead of bulky cardboard, they are packaged with a minimal amount of light plastic wrap.

Ergonomic, unisex handle

The ergonomic, unisex handle fits well in any hand and gives nurses the option of carrying two canisters with one hand.

Easy-open cap

The new easy-open cap reduces the amount of force required by more than 30%, giving hard-working hands a well-deserved break.

30%
reduced opening force

Improved label design

The improved label design is clearly organized and facilitates fast, easy identification and logging of relevant data. The new label material ensures better readability.

Fully transparent

The fully transparent Sol-Can® A canister lets nurses keep an eye on the fullness level.

Respecting the environment

Reducing the dialysis footprint

The Sol-Can® A gives nurses more than just improved handling.
It helps make renal care a greener process.

17%

%

Reduction of PCF

Product carbon footprint reduction
Through the improved production processes, the carbon footprint of the Sol-Can® A is now 17% smaller than that of our legacy canister. Annually[1], that is the equivalent of more than 160 flights from Frankfurt to Dubai – a very substantial carbon emission reduction.

[1] Related to annual B. Braun production quantity

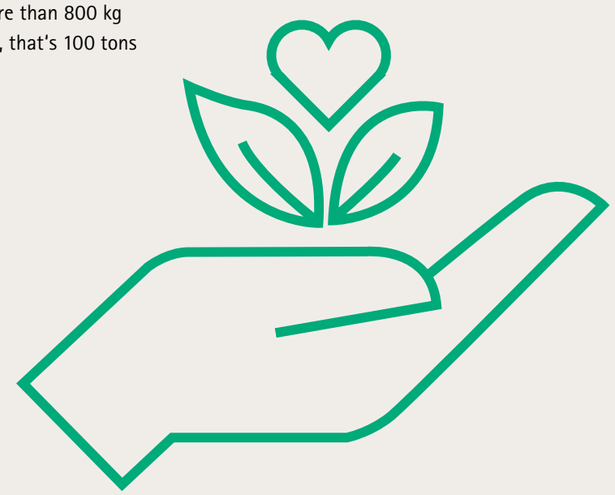
100% recyclable
Thanks to the move to PET, the Sol-Can® A is now easier to recycle, helping to keep plastic waste out of the environment.

100%

recyclable

Less plastic
Sol-Can® A is 56 g lighter than its predecessor. For an average center[2], this translates to more than 800 kg less plastic per year. On a global scale, that's 100 tons of plastic annually.

[2] Assuming 100 patients



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