

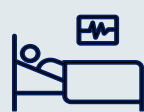
Administration of intravenous medication into the drip chamber: a patient-friendly, time saving and sustainable method

GPI: CPS12241

Role of the pharmacy

- Pharmaceutical rationale applicable medication
- Definition of pump speed and rinse volume
- Standardized procedures
- Full integration in parenteral handbook
- Training of nursing staff

Benefits



Administration into the drip chamber is a short and controlled administration, often with less fluid.



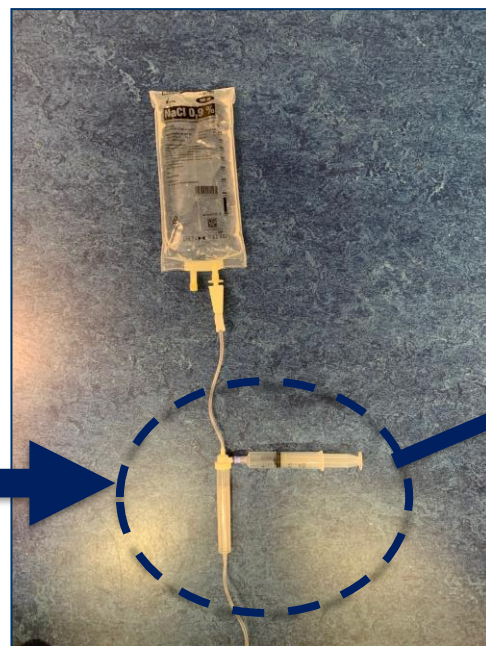
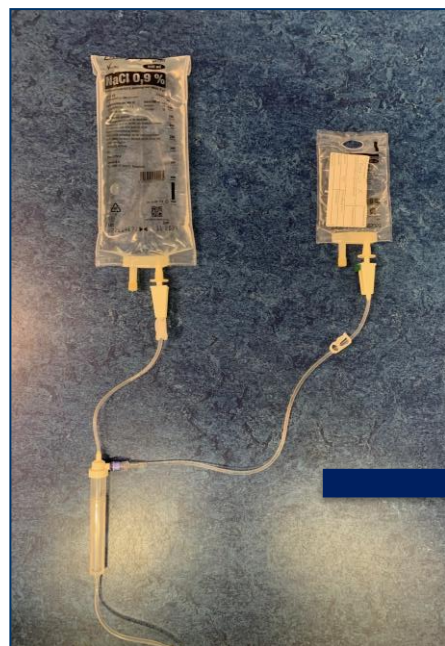
Significant reduction in time during preparation and administration for nurses.



The reduction of the use of infusion bags is sustainable and reduces costs.

Two experiments

- Four wards internal/surgery
- 30 most frequently administered medications
- Three months



Results: experiences and costs

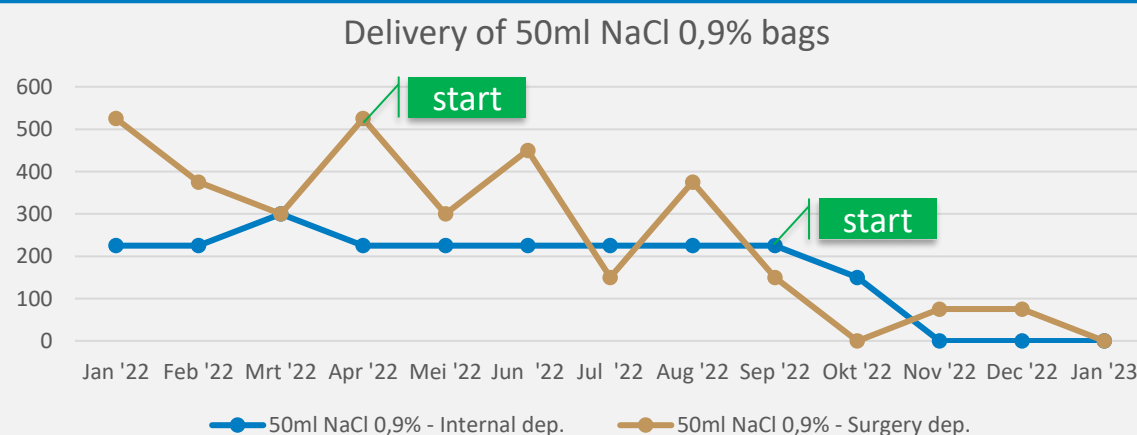
Experience nurses:

- 90% was satisfied with the new procedure
- No problems during the procedure
- Significant time savings

Sustainability and real-world reduction:

- 67% in 50 ml NaCl 0,9% infusion bags
- 67% in costs

Results: reduction of infusion bags



Conclusion

Administration of intravenous medication into the drip chamber using the integrated needle-free injection adapter is a good alternative to bolus injections and parenteral infusion.

What next?

- Full implementation in general procedures
- Roll out over the other wards with a "starter package"
- Starter package includes an implementation guide, training material and FAQs
- The list of medications will be expanded

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