



IV drugs
delivery in Neonatology:
do the **medical devices**
answer to the
high risk infusion needs



You may be interested
in the following...



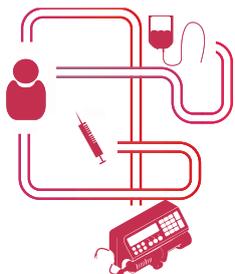
Value Life

Context

Approximately 15 million babies are born preterm each year, accounting for about one in 10 of all babies born worldwide. These particularly fragile patients need to receive specific care and IV treatments are especially crucial to allow them to continue their development. But according to the authors of *Illustrative neonatal cases regarding drug delivery issues*, "The mechanics of IV drug delivery to neonates have not received sufficient attention in comparison with its importance."*

*Illustrative neonatal cases regarding drug delivery issues, A.C. Lala, R.S. Broadbent, N.J. Medicott, C.M.T. Sherwin & D.M. Reith, Journal of Paediatrics and Child Health 51 (2015) 478-481

Problems



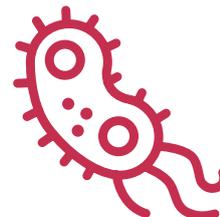
Infusion management:

- Multiple drugs to infuse
- Dead space and slow flowrate to deal with
- Backflow/Bolus in lines to avoid
- Drug incompatibilities to manage



Nurses issues

- Complex lines management



Infection risk

- Premature babies are particularly fragile and at risk of infection

Solution : octopus™ bionector™ Range

Close to the catheter:

Code 5222.014



Code 838.01 E



Code 896.03



In lines:

Code 841.232



Code 842.312



Code 842.414



Code 842.514



Benefits:

- Safe and optimised infusion management
- Babies' safety and comfort
- Ease of use

CRITICAL CARE

For further information, please contact: questions@vygon.com

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