

# Medical Device Alert

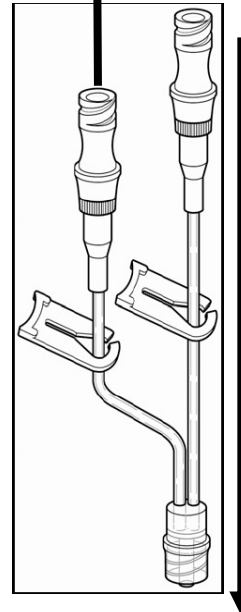
## Action

Ref: MDA/2010/073 Issued: 20 September 2010 at 14:30

### Device

Intravenous (IV) extension sets with multiple ports: all brands.

Back-tracking flow



Intended flow

### Problem

Risk of back-tracking when an IV line has multiple access ports.

This can lead to under-infusion or bolus delivery of IV drugs.

### Action by

All medical and nursing staff.

### CAS deadlines

Action underway: 04 October 2010

Action complete: 01 November 2010

### Action

- Consider if an IV extension set with multiple ports is appropriate for your intended use and be aware of alternatives.
- Where appropriate, consider using IV lines with one-way valves to prevent back-tracking (examples of one-way valves are: check, non-return or anti-reflux valves or anti-siphon/anti free-flow valves).
- Apply clamps (where available) to lines not in use.
- Be aware that needle-free connectors are not one-way valves and will allow back-tracking when connected to IV devices.
- This MDA supersedes MDA/2007/089.

## Link to full Medical Device Alert

<http://www.mhra.gov.uk/Publications/Safetywarnings/MedicalDeviceAlerts/CON093966>