

# Back-check valve

For more safety during parallel infusions



Latex-free valve diaphragm  
with optimised function

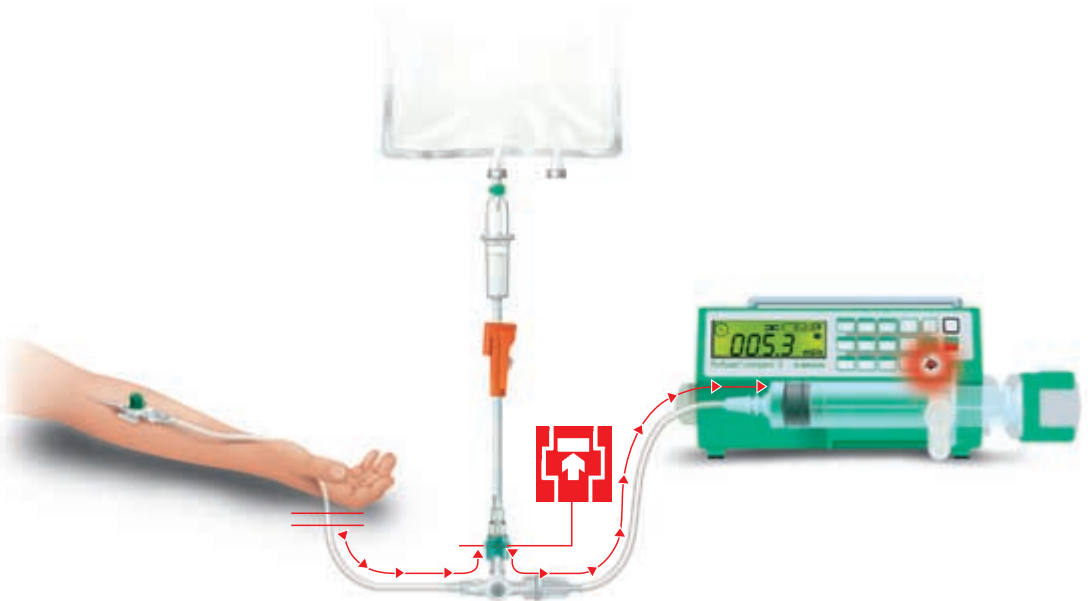
# Back-check valve

More safety during the parallel use of gravity and pressure infusions

## Responsive even at low flow rates

The optimised back-check valve with latex-free diaphragm responds irrespective of the valve setting:

- Forms a reliably tight seal in the event of the infusion stopping or a pressure build-up against the direction of flow.
- Prevents retrograde flow into the gravity infusion so that it acts like a pressure alarm for the parallel infusion pump.
- Prevents the regurgitation of blood, for example, during blood pressure measurements.



## „Solo“ in the luer lock connector...

Flexible safety component especially designed for use in infusion systems:

- Easy and correct installation with the flow direction markings on the connector.
- Contamination-free handling ensured by double-sided protection caps.



### Performance data

Min. closing flow  $\leq 0.1$  ml/h

Opening pressure  $\leq 20$  mbar

Flow rate  $>90$  ml/min G40%

Flow rate reduction  $\approx 18\%$

Burst pressure 6 bar

In the event of an occlusion of the patient line, the back-check valve prevents reflux back into the gravity infusion. The pressure build-up in the system triggers an alarm in the infusion pump. The following risks can be minimized significantly: unidentified interruption of the infusion (underdosing); Bolus infusion after the interruption is over (overdosing) and improper flow due to mutual interactions between the two infusion types.

**Reference:** Hinweise zur Anwendung von Parallelinfusionen [Notes on the Use of Parallel Infusions] – „Die Schwester/Der Pfleger“, Reprint from Issue 9, Vol. 32, September 1993.

## ...and integrated into the Intrafix® administration set

Universal administration sets for gravity and pressure infusions with terminal back-check valve.

Without air vent	With air vent – Eurocap	With automatic air vent	With needle-free injection setting	Name of product	Tube length, approx. in cm	Order No./ REF
				<b>Back-check valve-RV „Solo“</b>		<b>4094000</b>
●				Intrafix® RV P	180	4070062
	●			Intrafix® Air RV P	150	4063252
	●			Intrafix® Air RV P	180	4063287
	●	●		Intrafix® Air Safsite® RV P	200	4062922
		●		Intrafix® Air-matic® RV P	150	4063759
		●		Intrafix® Air-matic® RV P	180	4063783

Sales units: Intrafix® RV 100 pcs., RV „Solo“ 50 pcs.



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