Quality time for better care

"Quality time for better care" is the brand promise of Terumo Medical Care Solutions.

Terufusion™

Infusion System

EASY HANDLING

ENHANCED SAFETY

Terufusion™

OPTIMIZED WORKFLOW

Software Packages

Software Package Basic

Drug Library Manager + Data Communicator

Golden standard for daily operations

TE*SW800BE

Create and edit drug libraries
- More than 3000 drugs available
- Up to 30 customizable profiles for different wards and needs
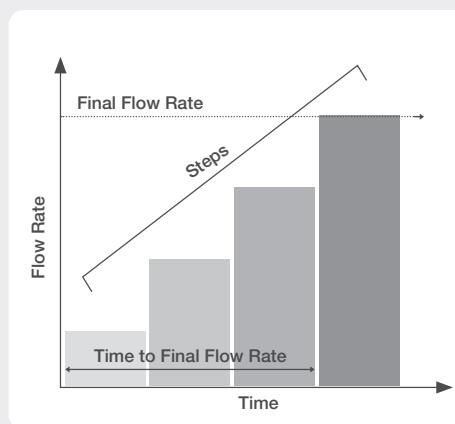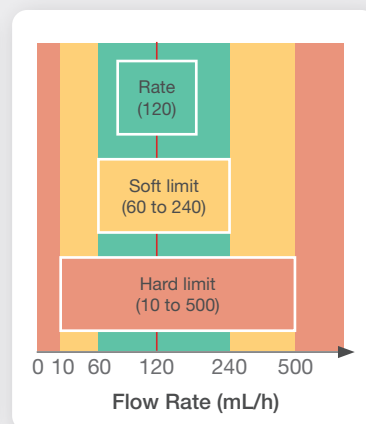- Set and restrict critical parameters

TERUMO P

Midazolam

300.00 ng/kg/min

(0.07 mL/h)

0.00

Midazolam 1 mg/ml

Datum   Uhrzeit   HZ

Drug name with Tall Man letters	To distinguish from
DOBUtamine	DOPamine
buPROPion	busPIRone
chlorproMAZINE	chlorproPADIME
CEFOtaxim	CeftAZIdim
ATEnolol	AceBUTolol
cycloSPORINE	CYCLOserine
DimenhyDRINATE	DIPHENHYDRamine

ISO 26825 – Drug coding
- Label vs display safety crosscheck
- Many colours and patterns available

"Tall Man" formatting
- Recommendation for look alike drug names

Midazolan
Benzodiazepines

TERUFUSION Infusion Pump Type LM 3   TE-LM830

Rate (120)

Soft limit (60 to 240)

Hard limit (10 to 500)

0 10 60   120   240   500
Flow Rate (mL/h)

Final Flow Rate

Steps

Flow Rate

Time to Final Flow Rate

Time

Clinical Advisory
- Customized clinical advisories with colour code

Soft and Hard Limits
- Prevention of dose errors

Advanced Infusion Protocols
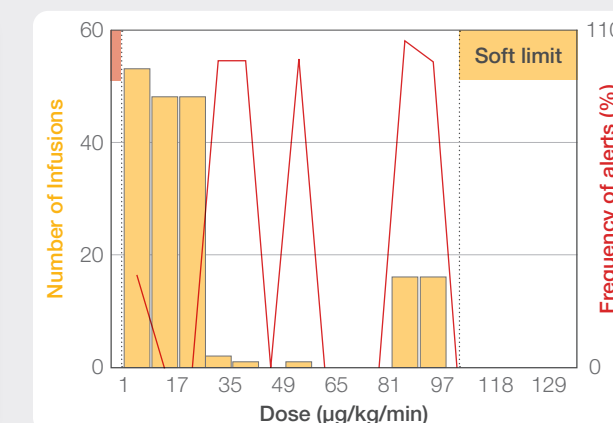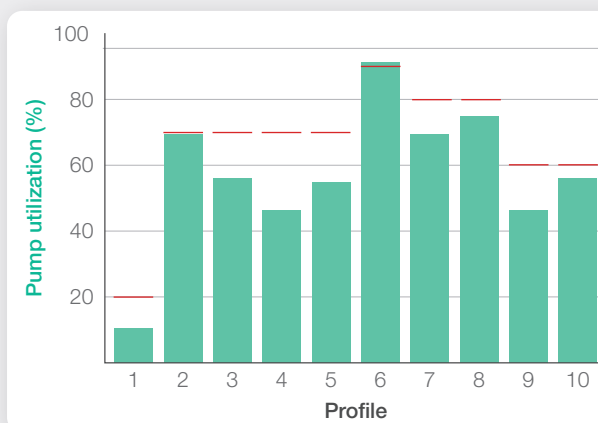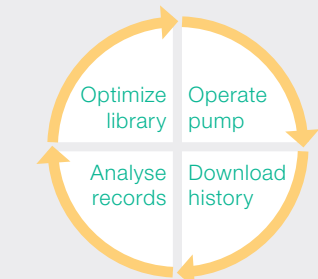- Multi-step, Intermittent, Delayed Start or Combined with another pump

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Software Package Professional

Drug Library Manager + Data Communicator + Dose Analyzer

Software tools for continuous improvement

TE*SW800PE

Loop of excellence
Optimize library → Operate pump → Download history → Analyse records → (loop)

Report of pump use (bar chart: Pump utilization (%) vs Profile 1–10)

Drug Library Analysis (chart: Number of Infusions / Frequency of alerts (%) vs Dose (µg/kg/min); Soft limit)
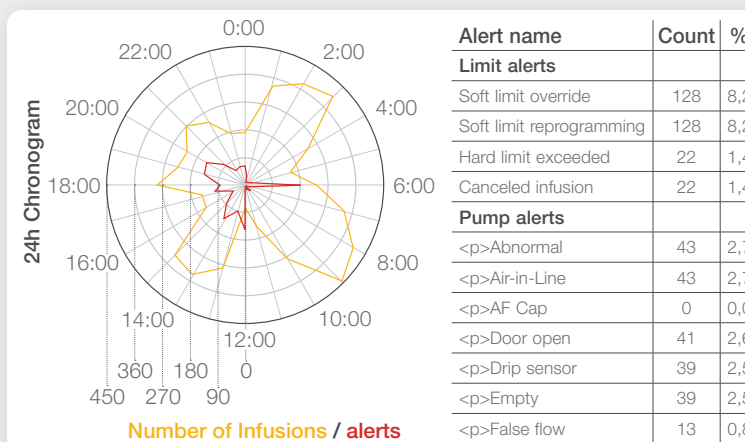
Report of pump use
- The right number of devices in each ward
- Fix & check your targets

Drug Library Analysis
- The right infusion protocol at bedside
- Check & adapt infusion parameters

24h Chronogram (polar chart: Number of Infusions / alerts)

Alert name	Count	%
Limit alerts		
Soft limit override	128	8,2
Soft limit reprogramming	128	8,2
Hard limit exceeded	22	1,4
Canceled infusion	22	1,4
Pump alerts		
<p>Abnormal	43	2,7
<p>Air-in-Line	43	2,7
<p>AF Cap	0	0,0
<p>Door open	41	2,6
<p>Drip sensor	39	2,5
<p>Empty	39	2,5
<p>False flow	13	0,8

Data Communicator — Dose Analyzer with Drug Library Manager (Server)

Rack — Data store — Hospital LAN

Pump — User

Alert Statistics
- The efficient setup of alarms in each room
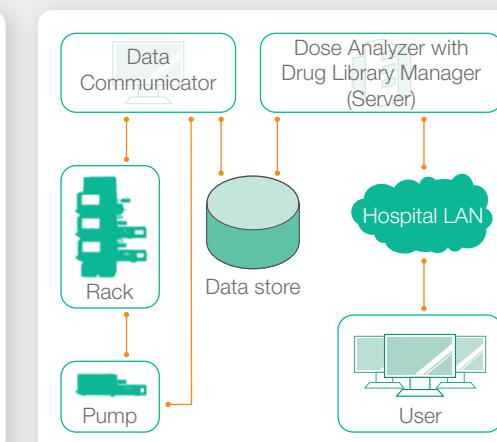
Connectivity
- A browser can be used to access the software and data to review the analysis results.

System requirements

Server	
Operating System	Microsoft® Windows® 7 SP1 Professional 32-bit (x86) / 64-bit (x64) Microsoft Windows 7 SP1 Enterprise 32-bit (x86) / 64-bit (x64) Microsoft Windows 7 SP1 Ultimate 32-bit (x86) / 64-bit (x64) Microsoft Windows 8.1 Professional 32-bit (x86) / 64-bit (x64) Microsoft Windows 8.1 Enterprise 32-bit (x86) / 64-bit (x64) Microsoft Windows 10 32-bit (x86) /64-bit (x64) Microsoft Windows Server® 2008 SP2 32-bit (x86) / 64-bit (x64) Microsoft Windows Server 2008 R2 SP1 64-bit (x64) Microsoft Windows Server 2012 64-bit (x64) Microsoft Windows Server 2012 R2 64-bit (x64)
Memory	2 GB or more recommended
CPU Clock	Intel® 2 GHz or more recommended
HDD	80 GB or more free space recommended
Device	DVD-ROM drive
Web Server	Internet Information Services 7.0/7.5/8.0/8.5/10.0

User	
Memory	512 MB or more recommended
CPU Clock	Intel 1 GHz or more recommended
Screen resolution	1024 x 768 pixels or more
Operation conditions	Temperature: 10 to 40°C Relative humidity: 20 to 90% RH (non-condensing)
Storage and transport conditions	Temperature: -20 to 60°C Relative humidity: 10 to 95% RH (non-condensing)

Compatible equipment

Type	Model	Communication possibilities
Infusion Pumps	TE-LM830 / TE-LM835	Power Status, High and Low Priority Alarms, Operation Monitor (WLAN)
Syringe Pumps	TE-SS830 / TE-SS835	Power Status, High and Low Priority Alarms, Operation Monitor (WLAN)
Communication Rack (Extension)	TE*RS800N03 (TE*RS811N)	Power Status, High and Low Priority Alarms, Operation Monitor (WLAN, LAN, RS-232C)

Ordering information

Software	Contents	Product Code
Software Package Basic	Drug Library Manager, Data Communicator	TE*SW800BE
Software Package Professional	Drug Library Manager, Data Communicator, Dose Analyzer	TE*SW800PE

Full focus infusion system

Terumo offers a comprehensive portfolio of solutions for the complete infusion line-up. User-friendly syringe and volumetric pumps and racks, as well as a wide range of highly accurate, easy-to-use disposables, such as an extended range of infusion sets and syringes.

Your Terumo partner