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Технические характеристики на внутриаортальные баллонные помпы CS100, CS300 IABP компании **GETINGE**

CS100 IABP with IntelliSync

IntelliSync offers one-button start up,
the CS100 automatically adapts to
changing conditions.



Focus on the patient
Not the pump

The CS100 with IntelliSync offers one-button start up, automatically adapting to changing conditions, making it the right choice for any patient condition.

Automated trigger source and timing management provide continuous, consistent support for your patient.

Automatically evaluates and selects optimal trigger source and lead

Sets inflation at the dicrotic notch and deflates IAB at the start of systole

Responds to changes in signal quality by selecting new trigger source

Fast inflation and deflation speed

The CS100 offers fast inflation and deflation for improved diastolic augmentation and unloading.

IntelliSync timing algorithms

Regularly examine key waveform landmarks on both assisted and unassisted beats to determine optimal timing. This allows the pump to react quickly in the presence of rate or rhythm changes. Trigger sources are continuously evaluated for quality, ensuring that the pump is always utilizing the best available signal.

Optimal patient support

Automated, trigger source and timing management provide continuous, consistent support for your patient.

Cath Lab

- Fast, one-button start-up and delivery of therapy
- Consistent support for patients with PVC's and arrhythmias
- Fast Pneumatics

Critical Care Unit

- Time saving – Automatically trouble-shoots and adapts
- Easier patient management
- Standardization of patient therapy

Operating Room

- Eliminates alarms due to ESU noise
- Reduced need for user intervention

CS300 IABP

Intra-aortic balloon pump combining fiber-optic speed with automatic *in vivo* calibration.



Smaller meets faster

The CS300 with IntelliSense combines fiber-optic speed with automatic *in vivo* calibration. The result is faster time to therapy, faster signal acquisition and faster adaptation to rate and rhythm changes.

Flexibility Matters

The CS300 can be used with:

- Maquet fiber-optic IAB catheters
- Conventional fluid-filled IAB catheter

Faster Time to Therapy

- Faster inflation and deflation speed
- CS300 has true one-button start-up
- Automatically calibrates the fiber-optic pressure sensor in the patient and recalibrates every 2 hours or sooner should patient or environmental conditions change
- Automatically evaluates and selects the best lead and trigger source
- Automatically sets optimal timing
- Automatically adjusts to changes in patient conditions without clinician

Fiber-optic Pressure Signal Transmission

An electrically isolated, low-level pressure output from the CS300 enables clinicians to send the fiber-optic arterial pressure waveform directly to a patient monitor by simply attaching an appropriate cable.

Unique Automatic In Vivo Calibration

Maquet has the only fiber-optic IABP and catheter system that automatically calibrates in the patient after insertion and automatically recalibrates in vivo every two hours or sooner should patient or environmental conditions

The Result

Faster time to therapy, ongoing consistency and accuracy of the arterial blood pressure waveform, and improved ease of use.

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