

# STABILITY UNDER PRESSURE, MINIMALISM IN COMPLICATIONS!

## (FAQS) SSS

### 1 HOW DOES THE QUICK RESPONSE SHUNT WORK?

The integration of the titanium spring and sapphire ball automatically initiates CSF drainage in case of pressure increase. The sapphire ball prevents siphon effect during position changes, ensuring stable flow.

### 2 WHAT IS THE ADVANTAGE OF THE ANTIBIOTIC-IMPREGNATED CATHETER?

The catheter impregnated with Rifampicin and Clindamycin reduces the risk of infection after surgery. The antibiotics prevent bacterial colonization through controlled release for 28 days.

### 3 IS IT COMPATIBLE WITH MRI IMAGING?

Yes. It does not contain ferromagnetic components and is fully compatible with 3 Tesla MRI machines. It does not create artifacts.

### 4 WHAT ARE THE RESERVOIR OPTIONS?

Burr-hole (craniotomy compatible) and straight (subcutaneous compatible) reservoir options are offered in the sterile package.

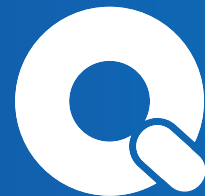
The **Quick Response** Shunt System offers clinicians a reliable solution with stability in pressure regulation, effectiveness in infection control, and radiological compatibility. Its minimally invasive design and patient comfort-oriented approach are key reasons for its preference in surgical practice.



The **Quick Response** Shunt System is a minimally invasive medical solution developed to provide optimal control of cerebrospinal fluid (CSF) drainage. It offers pressure regulation with a titanium spring and sapphire ball mechanism, and minimizes infection risk with an antibiotic-impregnated catheter option.

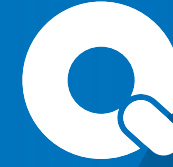
**Quick Response** offers an antibiotic-coated silicone body option to minimize infection risk. This design presents a significant innovation, unlike other products on the market, by preventing the spread of infections after surgical intervention.

**Quick Response** offers a reliable and effective solution in the field of neurosurgery with its precise flow control, minimally invasive application, and innovative structure that reduces the risk of infection.



**Quick Response**

Precision in Pressure and Flow



**Quick Response**

Precision in Pressure and Flow

**Quick Response** is an advanced technology shunt system that helps balance intracranial pressure by providing controlled drainage of **cerebrospinal fluid (CSF)**. It offers solutions for different clinical needs with **Ventriculoperitoneal (VP)** and **Lumboperitoneal (LP)** application options.

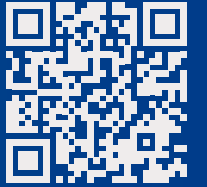


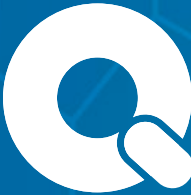
## EFFECTIVE SOLUTION AGAINST INFECTION RISK

☎ (0312) 299 25 63

🏠 Üniversiteler Mah. 1596. Sok., Hacettepe Teknokent  
Safir Bina E Blok 202-03, 06800 Çankaya/Ankara

[www.quickresponse.com.tr](http://www.quickresponse.com.tr)





Quick Response

Precision in Pressure and Flow

# QUICK RESPONSE

**Quick Response** is an advanced technology shunt system that helps balance intracranial pressure by providing controlled drainage of cerebrospinal fluid (CSF). It offers solutions for different clinical needs with Ventriculoperitoneal (VP) and Lumboperitoneal (LP) application options.



## MINIMAL SIZE, MAXIMUM PERFORMANCE

The Quick Response Shunt is one of the most compact designs on the market, offering a minimally invasive advantage in surgical applications.

- **Inner Diameter: 10 mm**
- **Outer Diameter: 13,5 mm**
- **Length: 16 mm**

| Barcode       | Reference   | Product Description                           | SUT Code |
|---------------|-------------|-----------------------------------------------|----------|
| 8680454742484 | DP-M-VCK    | Medium Pressure Shunt Kit                     | KN1053   |
| 8680454742590 | DP-H-VCK    | High Pressure Shunt Kit                       | KN1053   |
| 8680454742378 | DP-L-VCK    | Low Pressure Shunt Kit                        | KN1053   |
| 8680454742491 | DP-M-VACK   | Medium Pressure Shunt Kit (Antibiotic-coated) | KN1053   |
| 8680454742606 | DP-H-VACK   | High Pressure Shunt Kit (Antibiotic-coated)   | KN1053   |
| 8680454742385 | DP-L-VACK   | Low Pressure Shunt Kit (Antibiotic-coated)    | KN1053   |
| 8680454742521 | LPDP-M-LTCK | Lumboperitoneal Shunt Kit                     | KN1050   |

# ANTIBIOTIC-IMPREGNATED CATHETER



## Active Ingredients

**Rifampicin:** Effective against Gram-positive bacteria (e.g., Staphylococcus aureus).

**Clindamycin:** Effective against anaerobic bacteria and Gram-positive infections.



## Clinical Effect

Prevents bacterial biofilm formation.

Reduces the risk of abdominal adhesions.

## 1. Titanium Spring & Sapphire Ball Design

### Pressure Regulation

Provides continuous stability compared to membrane valves.

### Preventing the Siphon Effect

Eliminates the risk of over-flow during patient position changes.

### Durability

Reduces problems such as protein accumulation, membrane adhesion or clogging.

## 2. Hydrodynamic Optimization

### Flow Control

The laminar flow design of the sapphire ball compensates for pressure fluctuations.

### Long Life

The biologically inert structure of the titanium spring supports trouble-free operation of the shunt for up to 10 years.