

HAIZE MEDICAL

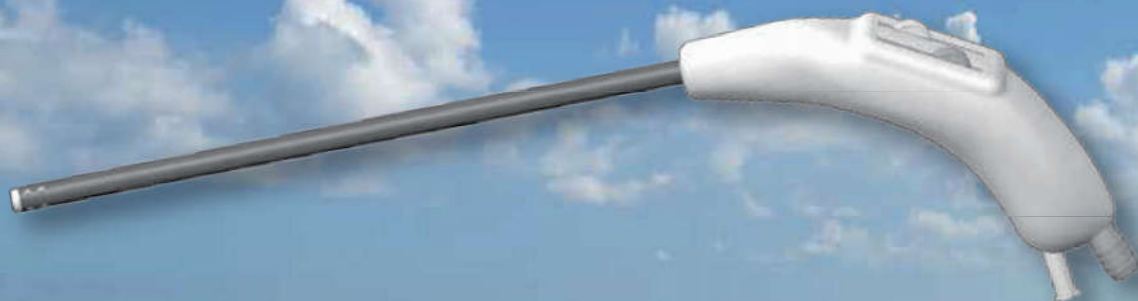
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# *ViClear*

**QIAN'S SUCTION IRRIGATOR**

***PERFECTION TO SURGERY***





## ***Continuous Suction and Irrigation During Surgery***

- Improve wound cleanliness***
- Reduce probability of surgical site infection (SSI)***
- Manage bleeding faster***

PATENT PUBLICATION NUMBER: ZL201110053841.5  
PCT APPLICATION NUMBER: PCT/CN2013/087663

# QIAN'S SUCTION IRRIGATOR

**Continuous suction and irrigation provides clean and clear visualization of surgical wound**

<p>DEVICE</p>	 <p>Suction Tube (Reusable metal or disposable plastic suction tips)</p>	 <p>Suction irrigator <i>ViClear</i><sup>™</sup></p>
<p>FLOW CONTROL</p>	<p>No</p>	<p>Yes</p>
<p>OPERATION MECHANISM</p>	<p>Irrigation of saline by dish/ syringe</p>	<p>Irrigation of saline by connecting to infusion bag. Suction and irrigation are performed simultaneously or individually</p>
<p>OUTCOME</p>	<p>Due to uncontrolled irrigation, debris tends to spread to abdominal cavity and other parts</p>	<p>Due to precise irrigation, debris is removed on time by continuous suction/ irrigation, preventing flooding</p>

**Manage bleeding faster and preventing haemorrhage**

	<p>Solution A SUCTION ONLY</p>	<p>Solution B SUCTION AND IRRIGATION</p>
<p>SOLUTIONS</p>	<p><input type="checkbox"/> Due to only suction without irrigation, small bleeders cannot be identified</p>	<p><input checked="" type="checkbox"/> Suction/ irrigation result in better identification of small bleeders</p>
	<p><input type="checkbox"/> Due to fixed suction flow rate, blood vessel can be easily damaged</p>	<p><input checked="" type="checkbox"/> With variable suction/irrigation flow rate, prevention of vessel damage</p>
	<p><input type="checkbox"/> Suction tube obstruction due to coagulation</p>	<p><input checked="" type="checkbox"/> With 2 separate channels (aspiration / irrigation), avoiding channel contamination and coagulation</p>

# QIAN'S SUCTION IRRIGATOR

## Source of debris during surgery :

Tissue debris generated by clamps and tissue charring



Tissue damage factor

Digestive juices including gastrointestinal fluid, bile, pancreatic juice, and etc.



Chemical injury

Debris such as pus, bacteria, tumor cell necrosis and etc.



Infection of wound and body cavity

Formation of necrotic tissue and bacteria



Infection of body cavity

Above factors can probably increase surgical site infection (SSI), below are 2 possible solutions.

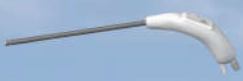

	Solution A SUCTION ONLY	Solution B SUCTION AND IRRIGATION
SOLUTIONS	<input type="checkbox"/> Ignore or clean debris with cotton gauze	<input checked="" type="checkbox"/> Timely suction and irrigation for cleaner wound
	<input type="checkbox"/> Using syringe/ dish needs more time	<input checked="" type="checkbox"/> Timely suction/ irrigation resulting cleaner wound, improve visualization and therefore shorter surgical time
	<input type="checkbox"/> Irrigation after surgery. Filth has been absorbed	<input checked="" type="checkbox"/> Debris is cleaned with no delay and rarely absorbed

## Conclusion

With ViClear , benefits to patient and hospital is clear\*

\* Reference: Infection Control And Hospital Epidemiology ,Vol 35,No.6 ( June 2014 ) pp.605~627

# ViClear QIAN'S SUCTION IRRIGATOR

Product (Set)	Suction & Irrigation Tip	Code	Packaging
	Irrigating Channel  Suction Channel	<b>JM-CX1</b> (Open Surgeries)	20 Sets/CTN
	Irrigating Channel  Suction Channel	<b>JM-CX1A</b> (Open Surgeries)	30 Sets/CTN
	Irrigating & Suction Channel 	<b>JM-CX1B</b> (Open Surgeries)	30 Sets/CTN
	Irrigating Channel  Suction Channel	<b>JM-CX4</b> (Minimally Invasive Surgeries)	30 Sets/CTN
	Irrigating & Suction Channel 	<b>JM-CX4B</b> (Minimally Invasive Surgeries)	30 Sets/CTN

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