



Hospital grade wash basin

The world's first artificial intelligence (AI) -enabled wash basin with the Internet of Things (IoT) for Smart hospitals / Nursing / Care homes.

- **Health Care Associated Infections (HAIs)**
- **Affects thousands of patients each year**
- **Affects 7-10% of patients admitted to hospital-WHO**
- **Staff hand hygiene compliance is reported to be less than 40% -WHO**
- **For every 10% improvement in hand hygiene compliance, a 6% reduction in HCAI could be achieved.**





**HANDSTECO AI-IOT ENABLED HOSPITAL
GRADE WASHBASIN CONSOLE
INTEGRATED FAUCET INSTALLED ON
THE SINK**



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HANDSTECO AI-IOT COMPATIBLE HAND SANITIZER DISPENSER CONSOLE

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Handsteco AI-IoT enabled hand hygiene systems

Artificial Intelligence algorithm controlled hand wash dispenser integrated wash basin.



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Real time hand tracking image capture and guidance.



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Real time implementation of WHO hand hygiene technique every time for every one



AI-enabled hand hygiene technique activated water flow for rinsing.



Collecting user hand hygiene data for compliance audits



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Health Care Associated Infections (HAI)

**Improved hand hygiene compliance
Reduce the risk of HAI antibiotic prescribing and
antibiotic resistance**

- **Improved hand hygiene compliance reduces the prevalence and complications of ventilator associated pneumonia (VAP)**
- **Improved hand hygiene compliance reduces the prevalence and complications of catheter-related urinary tract infections (CAUTI)**
- **Improved hand hygiene compliance reduces central venous-related bloodstream infections (CLABSI)**



How is Handsteco different?

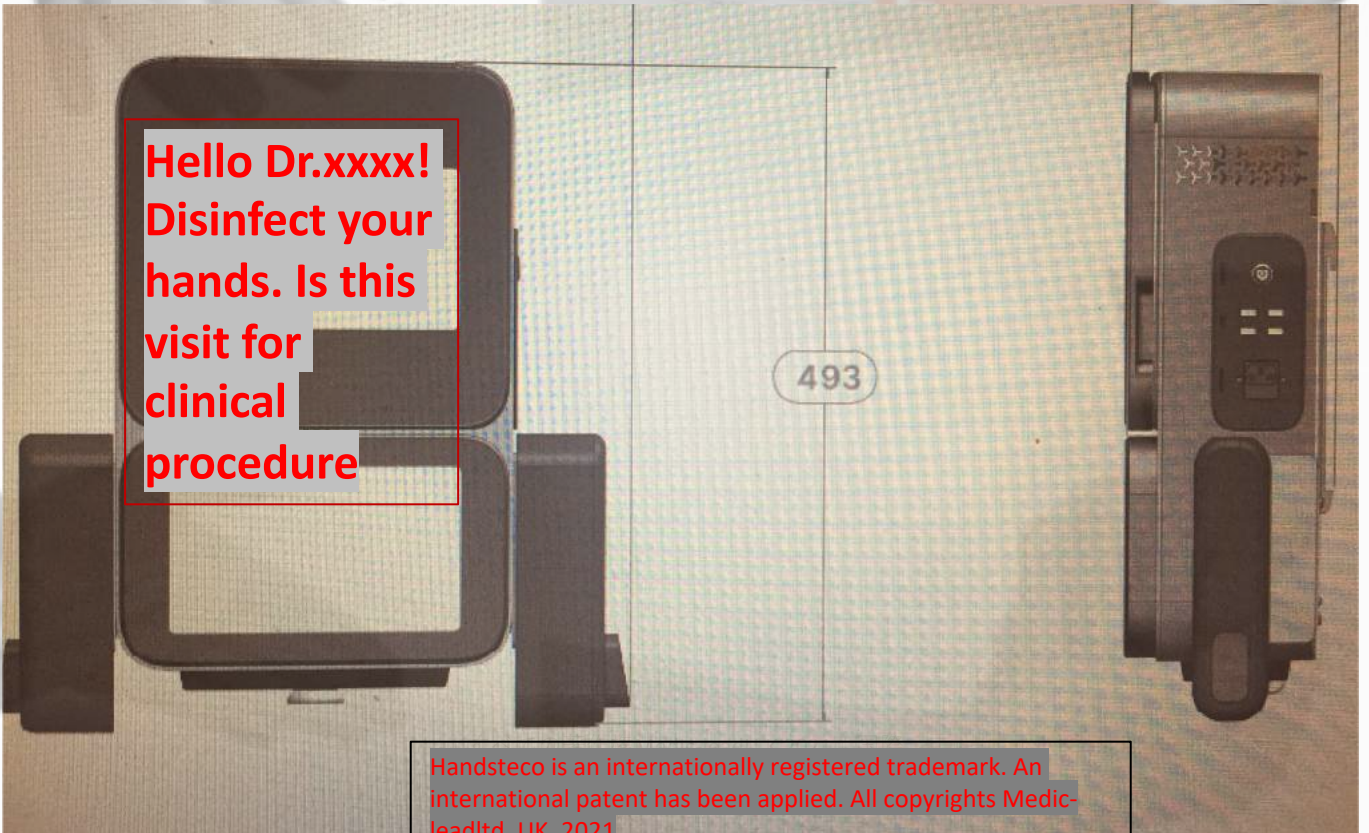
Not an electronic hand hygiene monitoring device

Achieve Infection prevention and control (IPC) goals

Achieve 100% WHO hand hygiene technology compliance in real time.

Interactive LED screen for staff hand hygiene data collection and protocol reminders.

Real-time HCAI control in hospitals and long-term care facilities.

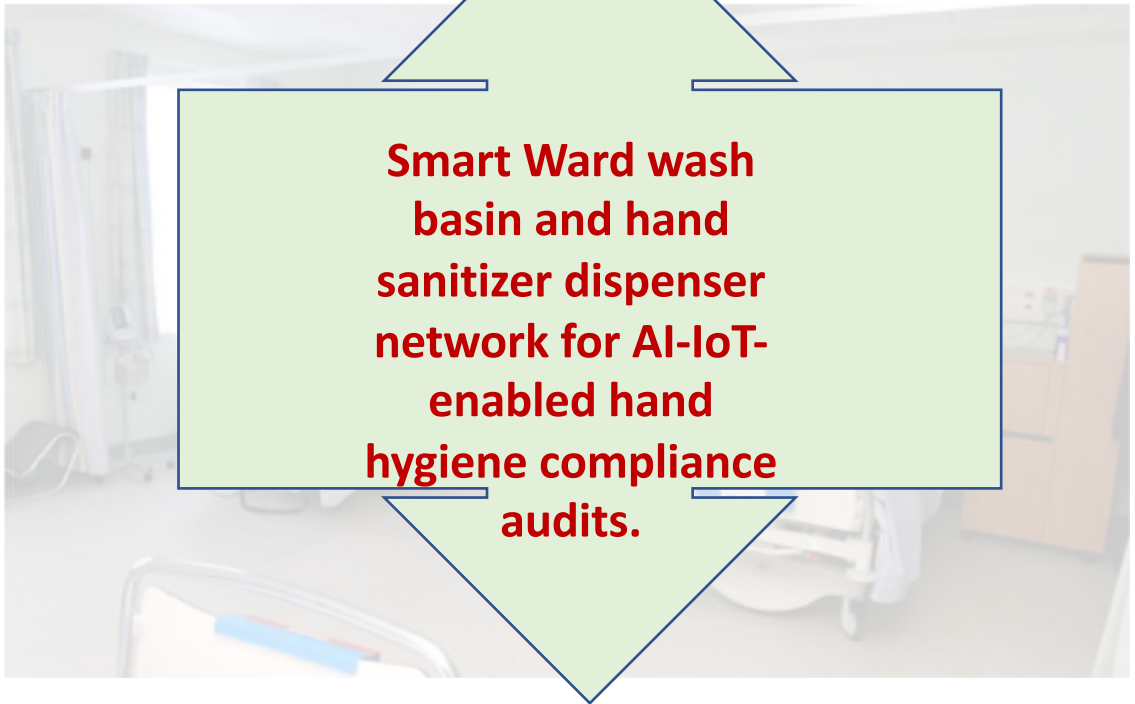


**Hello Dr.xxxx!
Disinfect your
hands. Is this
visit for
clinical
procedure**

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**Smart Ward wash
basin and hand
sanitizer dispenser
network for AI-IoT-
enabled hand
hygiene compliance
audits.**



**Hand Hygiene compliance as
subscription service (HhasS)**



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Our products for hand hygiene



**Handsteco contactless
battery operated hand
sanitizer dispenser
(Blue Tooth optional)**



**FDA approved hand wash,
sanitizer, and moisturisers
in biodegradable packaged
cartridges.**



**Handsteco Staff ID
Bluetooth Tag and
Beacon for Hand
Hygiene Compliance
Audit Data Collection**



Artificial Intelligence (AI)-Internet of Things (IoT) -enabled hand hygiene system for smart hospitals and long-term care facilities

- **Manufacturing will start in 2021**
- **Discount offer available until March 31, 2021 for early registration of quotes**
- **Registration**
- **<https://forms.gle/UQGBX33QQCRcp5tRA>**

- **Video link:**

- **<https://drive.google.com/file/d/14dWrDMoh0tFzEchnaOpFbA-zkN0smwcM/view?usp=sharing>**

Visit www.handsteco.com

For a detailed e-pamphlet, please visit email: info@medic-lead.com.

