



Spring Gate Rehabilitation Center & WashSense  
HAI Reduction & Training Pilot

Average Census: 176

Total Grant Awarded: \$89,381

Objective: Reduce nosocomial infections and related  
hospital readmissions

Stakeholders: Facility Staff, Contractors, Physicians,  
Visitors & Residents

# Highlights:

## **Urinary Tract Nosocomial Infections**

↓**32%** - *Compared to Dec 2017- Jun 2018*

## **Nosocomial Wound/Skin/Dental/Eye/Other**

↓**26%** - *Compared to Dec 2017- Jun 2018*

## **Ventilator Unit Rehospitalizations due to HAI**

*(high acuity long term stay patients)*

↓**50%** - *Q1 2019 Compared to Q2 2019*

*75% of Staff surveyed believe the WashSense System increases awareness & improves thoroughness of hand hygiene*

# The WashSense Solution



**Provides User Engagement, Training & Performance Measurement**

Integrates seamlessly into practitioner workflow, EMR and existing infrastructure



**Q1:**  
**95,000+ Hand Wash Events**  
**Staff Performance Score = 81**

# Clinical Decision Tools to Visualize Changes in Condition

The interface displays patient information for Barbara Moore (A/107), including her medical history, current condition, and treatment. A hospital floor plan visualizes patient locations, with a tooltip for Barbara Moore showing her symptoms, treatment, and acquisition details. A detailed view of her microbiology results shows antibiotic susceptibility for ESBL-producing E. coli.

Patient	Age	Gender	Date	Room	Acquisition	Diagnosis	Labs	Treatment	Drug	Category	Amount	Physician
Barbara Moore	95	Female	Oct 6, 2018 - Oct 14, 2018	A/107	Nosocomial	Urinary tract infection, site not specified (N390)	Culture, Urine (ESBL Producing Escherichia coli)	Oct 7, 2018 - Oct 14, 2018	Macrobid	Other	capsule; 100 mg; amt: 1 cap; oral	Dr. Betty L Turner
								Oct 6, 2018 - Oct 6, 2018	Ceftriaxone	Other	recon soln; 1 gram; amt: 1 GM; injection	Dr. Betty L Turner

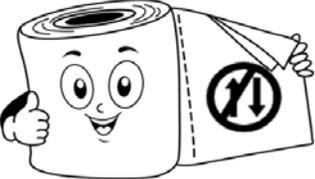
  

Antibiotic	Interpretation	MIC
>100,000 CFU/ml ESBL Producing Escherichia coli		
AMPICILLIN	RESISTANT	>=32
AMOXICILLIN	INTERMEDIATE	16
AMPICILLIN/SULBACTAM	RESISTANT	>=32
CIPROFLOXACIN	RESISTANT	>=4
CERTAZOLIN	RESISTANT	>=64
EXTENDED SPECTRUM BETA LA	POSITIVE	>=64
ERTAPENEM	SENSITIVE	>=4
CEFEPIME	RESISTANT	>=64
NETROPILMANTON	SENSITIVE	>=16
GENTAMICIN	RESISTANT	>=16
AMPENEM	SENSITIVE	>=256
LEVOFLOXACIN	SENSITIVE	>=8
TRIMETHOPRIMSULFAM	SENSITIVE	>=20
CERTAZOLIN	RESISTANT	16
TOBRAMFICIN	INTERMEDIATE	8
PIPERACILLIN/TAZOBACTAM	SENSITIVE	8

Evaluate Patient Risk. Correct Protocols in Real Time. Improve Outcomes.

# Interactive Screens Provide Feedback, Reminders & Education

**Peri-Care**  
To Prevent  
the Spread of Bacteria  
For Women



**Wipe  
Front to Back**

## Peri-Care

**Check For**  
Open Areas  
Redness  
Unusual Odor

### Catheter

Keep bag below bladder level  
& Off the Floor at all times  
Clean Urethral Meatus & work down  
Wipe tube/clamp after drained



Fall Risk Protocol

**Wash or Sanitize?**  
Everyone at home is  
sniffling, coughing, and  
sneezing, but you feel fine...

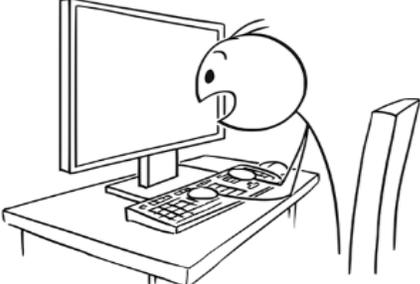
**Do You?**



**WASH**

**Wash or Sanitize?**  
You are stuck at your desk,  
tapping away at the  
keyboard, all afternoon...

**Do You?**



**SANITIZE**

**Peri-Care**  
Special care required  
to keep Resident  
clean & comfortable &  
prevent infection



**For Men**

## Peri-Care Training

Q3 2019 UTI Reduction

**44%**

Compared to UTI in Q3 2018

**Resulted in 30% Increase  
of Hallway Hand Sanitizer Usage**



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