



THE POWER
TO SIMPLIFY

ADVANCED WOUND MANAGEMENT

CLINICAL STUDY

DOLPHIN® FLUID IMMERSION SIMULATION®: PATIENT OUTCOMES FOR 5,000 HIGHLY COMPLEX PATIENTS



106
OLDEST PATIENT



60
AVERAGE AGE



<1
YOUNGEST PATIENT

53%
of males



47%
of females

91% were classified as **high**
to **very high risk**

Prevention Outcomes

Out of 1,398 patients that were placed on Dolphin® Fluid Immersion Simulation® (FIS), for prevention purposes:

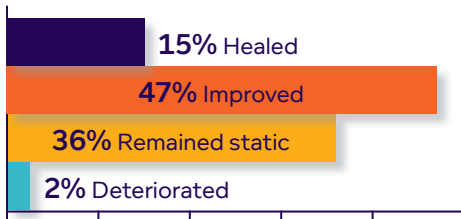


98%
SKIN
REMAINED
INTACT

Treatment Outcomes

3,602 patients had existing skin damage before being placed on Dolphin FIS therapy with a total of 7,195 damaged areas:

Healed or improved skin damage after 'stepping up' to Dolphin FIS therapy from a traditional dynamic mattress



64%



Clinical conditions include:

- Low weight • Quadriplegic
- Spinal injuries • Spina bifida
- ECMO • Diabetes • Sepsis
- Flaps & graphs • Brain injury
- Carcinoma • End-of-life
- Amputee • Trauma
- Intropes • Paraplegia
- Vascular disease • Pneumonia
- Burns • Dementia
- Ventilated • Palliative
- Renal failure
- Multiple organ failure

Additional Outcomes

99%



Improved Comfort

99%



Improved Pain Management

98%



Reduced Turning Frequency

99%



Improved Sleep

96%



Improved Compliance with Care

98%

DID NOT DEVELOP SKIN DAMAGE

34%

HOSPITAL ACQUIRED PRESSURE INJURIES

DOLPHIN® FLUID IMMERSION SIMULATION®: HEALTHCARE ECONOMICS FOR 5,000 HIGHLY COMPLEX PATIENTS

Patients are either placed on Dolphin® FIS for



PREVENTION PURPOSES
(no existing skin damage)



TREATMENT PURPOSES
(existing skin damage)

These are the most complex patients with multiple comorbidities

Out of 5,000 patients that were placed on Dolphin FIS for prevention purposes, **98%** did not develop skin damage.

From July 2022 to March 2024 (600 days), **34%** of Stage 1, 2, 3, and 4 pressure injuries were hospital acquired (HAPU).

Projected savings if the patients had been placed on Dolphin FIS for prevention of skin damage, and 98% of HAPUs were prevented

1

STAGE ONE

Number of HAPU: 83

Number of HAPU if 98% Prevented: 2

\$175,784 ← → \$3,878

Savings: \$171,906

2

STAGE TWO

Number of HAPU: 268

Number of HAPU if 98% Prevented: 5

\$1,531,651 ← → \$43,946

Savings: \$1,487,705

3

STAGE THREE

Number of HAPU: 118

Number of HAPU if 98% Prevented: 2

\$1,715,191 ← → \$28,436

Savings: \$1,686,755

4

STAGE FOUR

Number of HAPU: 142

Number of HAPU if 98% Prevented: 3

\$2,979,287 ← → \$63,334

Savings: \$2,915,953



\$6,262,319 Total Savings