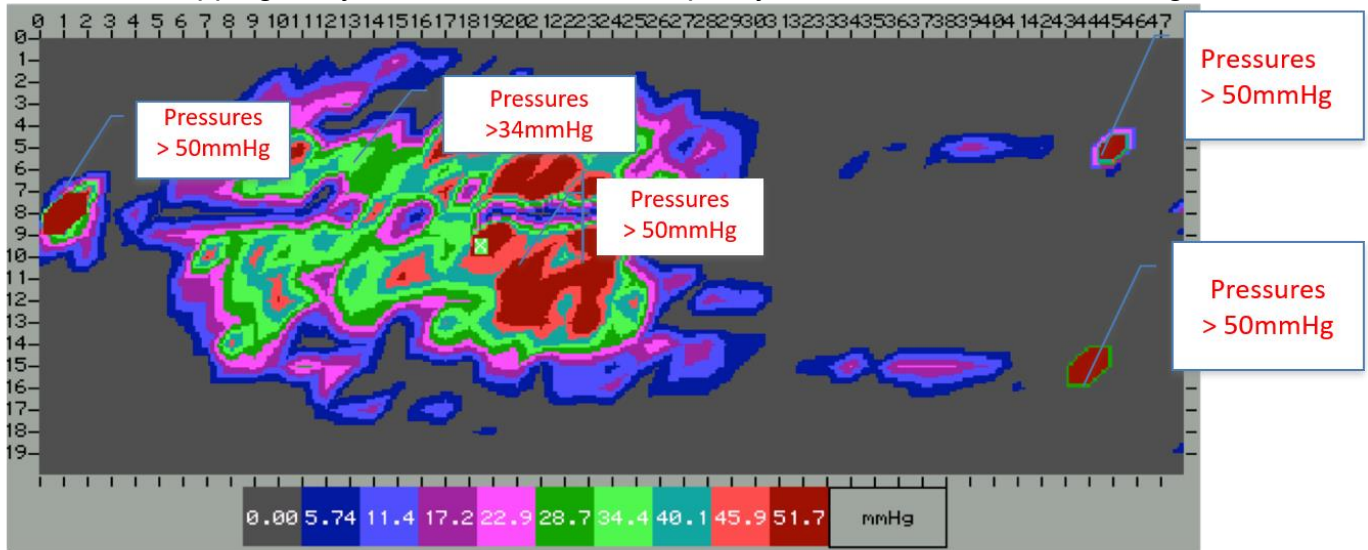




### What Causes Pressure Ulcers? Pressure Over Time

Simply applying pressure for a short period of time without trauma does not cause a pressure ulcer.

Pressure Mapping Body Mass Distribution Capillary Closure Point >20 -30mmHg



**Neon Green to Red is High Pressure or > 32mmHg**

### How Much Time Does It Take to Get a Pressure Ulcer?


Integrated Evidence from Human, Animal, and In Vitro Studies

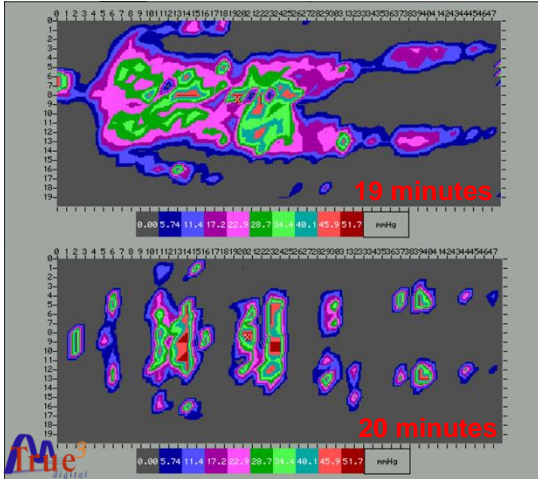
Index: Ostomy Wound Manage. 2008;54(10):26-35.

- Severe pressure ulcers and deep tissue injury are associated with higher mortality rates, longer hospital stays, and costly treatment. Time is a critical factor in commonly employed measures (eg, pressure redistribution for wheelchair users and patient turning schedules) to prevent pressure ulcers and deep tissue injury.
- Findings from the three models indicate that pressure ulcers in subdermal tissues under bony prominences very likely occur between the first hour and 4 to 6 hours after sustained loading.
- According to current prevention guidelines from the European Pressure Ulcer Advisory Panel (EPUAP) ([www.epuap.org](http://www.epuap.org)), “individuals who are able should be taught to redistribute weight every 15 minutes”

# REACTIVE versus ACTIVE

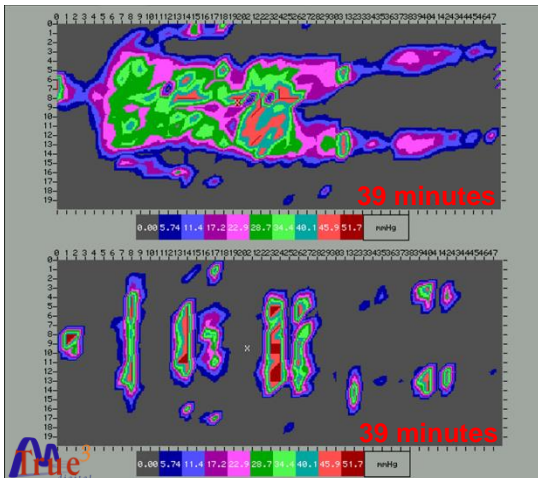
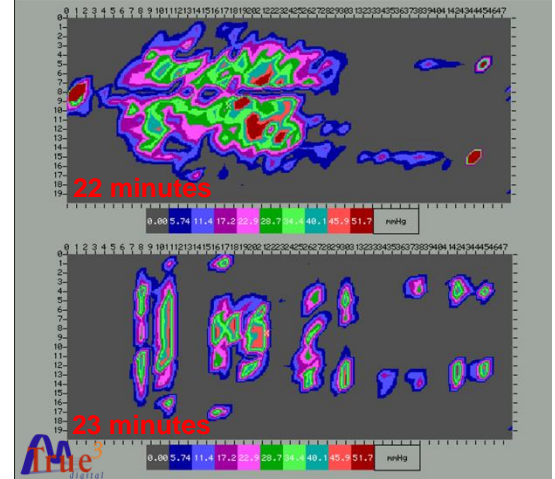
True3 Digital Technology vs. Low Air Loss/2 Cell & Air Fluidized Technologies

Low Air Loss/2 Cell vs. 

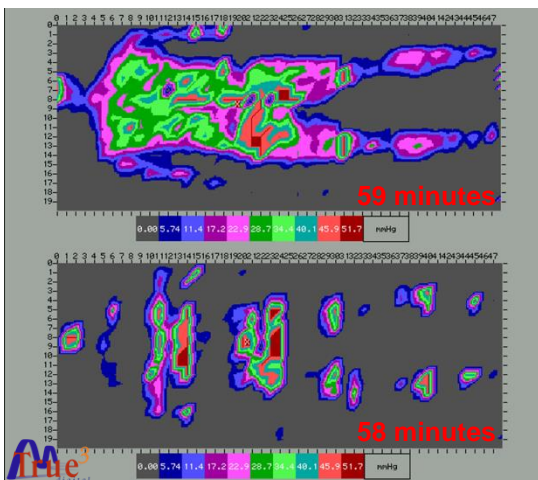
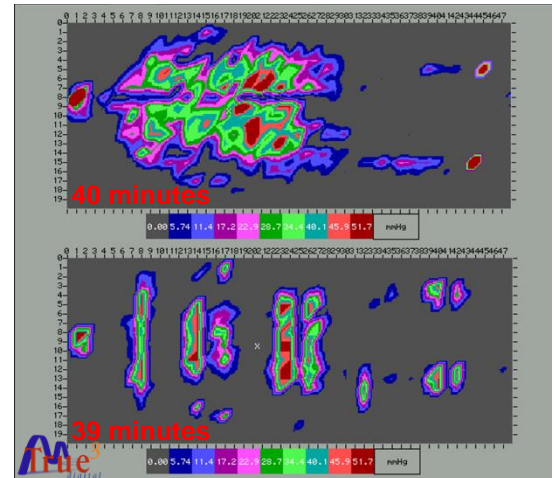


Neon Green to Red  
is High Pressure  
or > 32mmHg

Air Fluidized vs. 



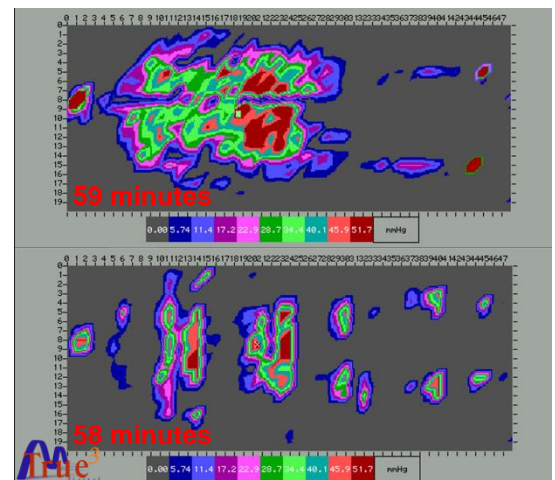
Neon Green to Red  
is High Pressure  
or > 32mmHg



Pressures >50mmHg  
for over 50 Minutes

Neon Green to Red  
is High Pressure  
or > 32mmHg

Pressures >50mmHg  
NEVER for more  
than 2.5 minutes



[www.true3digital.com](http://www.true3digital.com)

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