



US Patent: 8978265  
'Bandage/diaper Aeration Device'



An E-Commerce Wound Aeration Technology Company



*Dynamic Oxygen Skin Therapy (DOST™ )  
For, Dermatitis, Bedsores, Ulcers, & Wounds.*



September  
2015



**Early Clinical Testing Results**

# Early Clinical Results Summary



- Testing performed in August and September 2015.
- Patients:
  - Eight (8) Adult Patients tested, to date, in two Long Term Care Facilities.
- Age Ranges:
  - 68-96; Male: 5; Female: 3
- Diagnoses Treated
  - Pressure ulcer; Maceration; Excoriation; Severe diaper rash;
  - Numerous co-morbidities.
- Persistence:
  - Ranged from 2 weeks to 3 months
- RashEndZ/DOST Therapy Delivered
  - Treatment: 6-8 hour overnight treatments for each patient.
  - Oxygen concentrators used in all cases, recommended low-flow settings used.
  - 1 – 15 devices used. Varied by wound location, initial flow rate selected, and patient healing response.
- **Results:**
  - **NO ADVERSE RESPONSES, SAFETY OR EFFICACY.**
  - **ALL 100%, wounds healed, in 1- 7 nights. [ see attached detail ]**
- Clinicians' comments:
  - “ Wound closed after 2<sup>nd</sup> night...
  - “ Patient completely healed after 3<sup>rd</sup> night...
  - “ patient healed overnight...
  - “ family was very happy...

# Early Clinical Testing Results



Patient	Diagnosis	Persistence	Treatment	Result
80yr/M	Pressure Ulcer, Stage 2	3 months	2 nights/ Oxy Concentrator, low flow	Wound Closed
84yr/M	Maceration with stage 2 wound	3 months	7 nights/ Oxy Concentrator, low flow	Wound Closed.
68yr/F	Excoriation of buttocks	2 months	3 nights/ Oxy Concentrator, low flow	Completely healed
85yr/F	Severe Diaper Rash	1 month	3 nights/ Oxy Concentrator, low flow	Completely healed
75yr/M	IAD & early excoriation	2 weeks	1 night/ Oxy Concentrator, low flow	Patient healed overnight.
93yr/F	Fungal rash under breasts	1 month	5 nights/ Oxy Concentrator, low flow	Completely healed.
82yr/M	PU, stage 2	Unknown/terminal	7 nights/Ox Concentrator., low flow	Completely healed.
96yr/M	PU, stage 2	unknown	5 nights Ox con, low flow, plus final 3 nights of Z-Guard (no REZ available)	Completely healed.