

COST/BENEFIT ANALYSIS

Burnaid Burn Dressings Vs. Current Standard Treatment

Traditional Therapy	Cost	Burnaid Burn Dressing	Cost
1000cc Normal Saline for cooling/irrigation	\$0.99	1 Sterile 4x4" Burnaid Dressing	\$3.50
Sterile 4x4" gauze bulk pack	\$4.45	Nursing time – 3 minutes to apply dressing	\$0.90
Sterile Towels 5 pack	\$2.00		
Pain Control (if required) Demerol 1cc	\$0.90		
Syringe	\$0.25		
Nursing Time – 15 minutes for repeated cooling/irrigation – 15 minutes minimum mandated observation time required when Demerol is administered	\$4.50		
	\$4.50		
TOTAL	\$18.40	TOTAL	\$4.40

Treatment Comparison

Traditional Treatment	Burnaid Burn Dressing
1. Continuous Saline irrigation by nurse is required to maintain cooling effect.	1. Cools and soothes.
2. Saline solution does not stay on the burn site.	2. Immediate and ongoing pain relief.
3. Minimal ongoing pain relief.	3. Stops burn progression.
4. Removal of 4x4" gauze may cause discomfort.	4. Continues to draw heat out of the burn for up to 2 hours.
5. Often in need of pain killers for children, and it can be undesirable that narcotics are used.	5. Provides a physical sterile barrier against contamination.
	6. Water soluble gel that easily rinses off with water causing no discomfort to the patient.
	7. Gel exhibits anti-microbial activity, mild local anaesthetic and anti-inflammatory action.
	8. May reduce the need for narcotics, particularly in the case of children due to the quick and ongoing pain relief.
	9. Reduces 'hands-on' time of both nurses and physicians – freeing them to attend to other patients.