



# Bright Bite Block

**Status: Active**

Title: *MEDICAL  
TUBE SECURING  
BITE BLOCK*

Developers: *Brendan  
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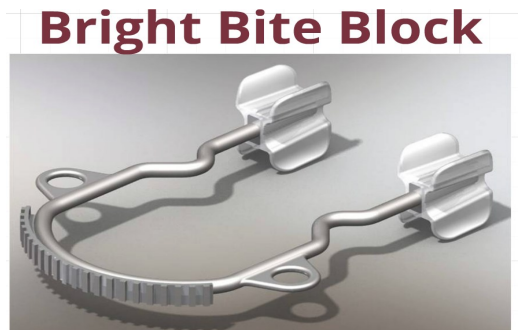
Patent:  
*US 8,302,597*

The Army is seeking a partner interested in commercializing this technology.

## The Technology:

Bright Bite Block is a medical tube securing tool and bite block. Most bite blocks fit between the front teeth of a patient, which means patients with fragile skin and teeth like burn patients may experience tooth loss and/or further injury when using these bite blocks.

This technology relies on the strongest teeth: molars to secure and hold medical tubes in place. It is specially designed for burn patients and Intensive care IC patients to reduce lip injury, oral lesions and tooth damage while offering improved avoidance of fragile skin. It also permits the repositioning of the medical tube(s) along a front adjustable track without removing the Bright bite block. This technology is designed to be flexible, user-friendly and to minimize further injury or scarring of the patient.



## Application:

This technology prevents biting, secures a medical tube(s) on an adjustable track, and avoids fragile skin and teeth for improving the patient's healing progress.

## Benefits:

- Minimizes pressure on the lip region, front teeth, and surrounding tissue for reduced tooth loss
- Avoids contact of the medical tube, bite block and/or tape with the epidermis, thereby preventing scarring, or blistering
- Uses molars for improved strength and maneuverability
- Permits medical tube to be repositioned along an adjustable track without removing the Bright bite block
- Prevents medical tube slippage, and inadvertent extubation
- Reduces skin damage and helps maintain healthy skin.

**Contact**

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