Children aged six to eight years recruited from pediatric dentistry clinic of University Nove de Julho (Brazil)

Initial evaluation:
- EMG;
- Bite force;
- Salivary cortisol

Children with bruxism

G1: Low-level laser therapy administrated to acupoints

G2: Occlusal splint with expander

G3: Placebo laser

Children without bruxism

G4: Follow up

Post-intervention evaluation:
- EMG;
- Bite force;
- Salivary cortisol

Evaluation after one month:
- EMG;
- Bite force;
- Salivary cortisol

Evaluation after six months:
- EMG;
- Bite force;
- Salivary cortisol

Analysis of results