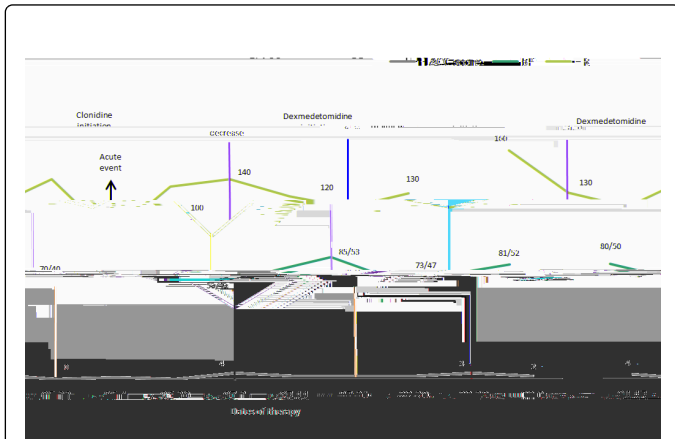




the effects of dexmedetomidine on the respiratory rate could not be evaluated (Figure 2).



**Figure 2** FLACC score - Blood Pressure (BP) - Heart rate (HR) correlation with dose of medications on Figure 1.

## Results

In 5 weeks, while on Dexmedetomidine the doses of benzodiazepine and opioid were decreased by at least 50% achieving the same or better degree of pain control/comfort. The doses decreased from 0.2 to 0.1 mg/kg/h for midazolam and from 0.3 to 0.07 mg/kg/h for hydromorphone.

In the 15 weeks of infusion of Dexmedetomidine, the patient did not show side-effects that required medical intervention (Bradycardia, Hypotension) he had one event of bradycardia/hypotension due to sepsis, but not related to the medication proved by the fact he recover