



Volume 1, Issue 1

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THE NUMBERS: RAMPART HONOR ROLL

Thank you for your participation — it is essential for the continued success of this study!



San Jose Fire - 13 Enrollments

Palo Alto Fire - 3 Enrollments

Redwood City Fire - 3 Enrollments

San Mateo Fire - 2 Enrollments

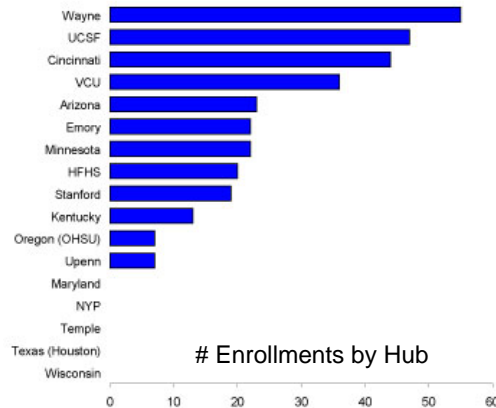


Why do we need to study IM Versed?

The only FDA approved medication to stop status epilepticus is intravenous lorazepam (Ativan). The use of midazolam (Versed) in the intramuscular, intranasal, intravenous and intraosseous route is not FDA approved and is only permitted because the medication is prescribed "off label" by the County Medical Directors in Santa Clara and San Mateo Counties. You are helping provide cutting edge research to ensure that IM Versed is as effective as IV Ativan.

Nationwide Status of RAMPART

As of late January, over 300 patients have been enrolled into the RAMPART study nationwide. Your Fire Department joins a distinguished list of other EMS and Fire Agencies in the Country in this pivotal clinical trial.



ORANGE = NEEDLE END

Don't laugh! With over 300 deployments of the RAMPART autoinjector, at least one medic has self-injected themselves. Remember that the autoinjector is like an Epi-Pen...the orange end is the needle end. For extra safety, NEVER put your thumb on either end when holding the autoinjector!



X



OK

SEIZE THE DAY WITH RAMPART!

- Status Epilepticus Seizure?
- 1. Locate RAMPART Box
- 2. Consider Exclusion Criteria
- 3. If all criteria met open box and enroll patient

Enrollment Reminders—WHO GETS ENROLLED?

INCLUSION CRITERIA:

- CONTINUOUS CONVULSIVE SEIZURES (OR REPEATED CONVULSIVE SEIZURE WITHOUT WAKING UP) LONGER THAN 5 MINUTES
- PATIENT STILL CONVULSING ON EMS ARRIVAL AND AT TIME OF TREATMENT
- ESTIMATED WEIGHT 13 KG OR GREATER (ESTIMATED FROM USING THE MEASUREMENT TAPE INCLUDED IN STUDY BOX)



You're OUT! — Who shouldn't get enrolled?

Don't enroll the following patients into the RAMPART Study:

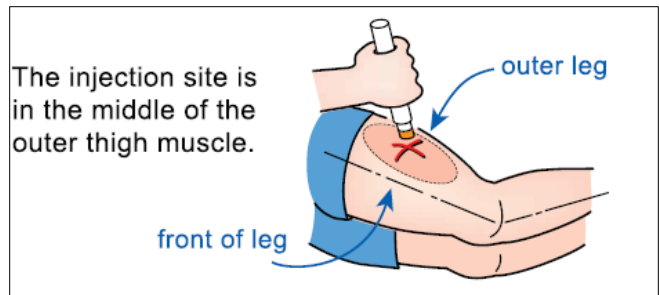


- Major Trauma Patients
- Hypoglycemia (BGL less than 80 mg/dL), even if corrected
- Cardiac Arrest or heart rate <40 BPM
- "Rampart Declined" Medical Alert Band
- Prior treatment of seizure with midazolam, lorazepam or IM diazepam (exception: rectal diazepam OK)
- Known Pregnancy
- Prisoners
- Weight less than 13 kg (i.e. pediatric patients in Red Zone of provided measuring tape)

Protocol Review



- Remember that you treat only patients who are actively seizing.
- If the patient is not convulsing, don't give any study medication!
- Seizure should have lasted continuously for more than 5 minutes or recurring over 5 minutes without waking up in-between seizures.
- Don't enroll patients with only focal seizures (i.e. enroll grand mal seizures only)
- Check blood glucose level and treat accordingly. If hypoglycemic, do not use the RAMPART box even if the hypoglycemia is treated successfully.
- Never touch the orange end of the autoinjector.
- IM Medications (i.e. the autoinjector) always are used first before the IV Carpuject.
- The Carpuject only is given IV or IO...never try to give it IM . (Believe us, people have tried!)
- The study stops when the convulsions stops. If a patient gets the IM autoinjector and the seizure stops, don't give the IV Carpuject!
- If seizures recur after you give, use rescue meds from your own lockbox—don't use the remaining study medications.



Forget the hand...speak to the box!

Make sure to verbalize what you do so the RAMPART recorder will pick it up. (It's like being back in medic school!) In particular, we need these items:

- IM GIVEN AT ____
- IV STARTED AT ____
- IV GIVEN AT ____
- CONVULSIONS STOPPED (IF THEY DID)
- RESCUE MEDS GIVEN AT ____ (IF IT WAS)
- CONVULSING OR NOT UPON ARRIVAL AT ER





Stanford University Hub

Your RAMPART Study Team

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Trivia Corner: Does RAMPART sound familiar?

In the TV series *Emergency!* (You know, the one with Johnny and Roy), Rampart General hospital is the main hospital featured. In real life, the building is the UCLA Harbor Medical Center.



REMEMBER:
ONLY TREAT PATIENTS WHO ARE ACTIVELY SEIZING— DON'T INJECT A PATIENT WHO IS POSTICTAL.

Pediatric Patients Reminder

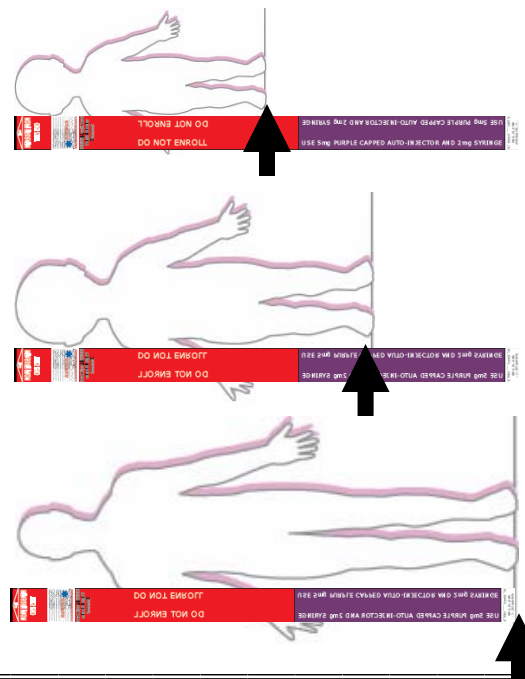
Pediatric patients who are in status epilepticus get one of three treatment choices. Use the provided length based tape to determine what the patient gets!

If the patient is less than 13 kg (falls in the Red Zone of the tape), do not enroll in study!

If patient is between 13 to 39 kg (falls in the Purple Zone of the tape) give pediatric dosage of medication. This is the PURPLE IM injector followed by the PURPLE IV Carpuject.

REMEMBER: PURPLE = PEDS

If patient is 40 kg or over (falls in the White Zone of the tape or longer than the tape) give adult dosage of medication. This is the WHITE IM injector followed by the WHITE IV Carpuject.



RAMPART Hotline 650-387-3081