

The Clot Box

Be prepared!

Advantages of a 'Clot Box'?

- Everything needed to administer tPA is in one place
- Easily accessible for the Stroke Team
- Grab and go!
- Allows us to administer tPA quickly, from wherever we are in the hospital
- Limited drugs are on hand if we run into problems





iPA INFUSION CHART (100mg VIAL)

WEIGHT (kg)	TOTAL DOSE (mg)	BOLUS DOSE (mg)	BOLUS AMOUNT (mL)	INFUSION DOSE (mL)	INFUSION RATE (mL)	Volume (mL)	Amount left in vial (mL)
41-42	37.5	3.75	3.8	34.1	34	34	62.2
43-44	39.5	3.95	4.0	35.5	36	36	60.0
45-47	41.5	4.15	4.1	37.4	37	37	59.9
48-49	43.5	4.35	4.4	39.1	39	39	56.6
50-51	45.5	4.55	4.6	40.9	41	41	54.4
52-54	48.0	4.80	4.8	43.2	43	43	52.2
55-56	50.0	5.00	5.0	45.0	45	45	50.0
57-58	51.5	5.15	5.1	46.4	46	46	48.9
59-60	53.5	5.35	5.4	48.1	48	48	48.6
61-62	55.5	5.55	5.6	49.9	50	50	44.4
63-64	57.5	5.75	5.8	51.7	52	52	42.2
65-66	59.0	5.90	5.9	53.1	53	53	41.0
67-68	60.5	6.05	6.0	54.5	55	55	37.5
69-70	62.5	6.25	6.3	55.9	56	56	36.4
71-72	64.5	6.45	6.5	57.3	58	58	33.2
73-74	66.5	6.65	6.7	58.9	60	60	32.2
75-76	68.0	6.80	6.8	61.2	61	61	30.0
77-78	69.5	6.95	7.0	62.5	63	63	28.8
79-80	71.5	7.15	7.2	64.3	64	64	26.6
81-82	73.5	7.35	7.4	66.1	66	66	24.4
83-84	75.5	7.55	7.6	67.9	68	68	23.2
85-86	77.0	7.70	7.8	69.2	69	69	21.0
87-88	78.5	7.85	7.9	70.6	71	71	19.8
89-90	80.5	8.05	8.1	72.4	72	72	17.6
91-92	82.5	8.25	8.3	74.2	74	74	15.5
93-94	84.5	8.45	8.5	76.0	76	76	14.4
95-96	86.0	8.60	8.6	77.4	77	77	13.2
97-98	87.5	8.75	8.8	78.7	78	78	10.0
99-100	89.0	8.90	9.0	80.5	81	81	10.0
>100	90.0	9.00	9.0	81.0	81	81	10.0

DO NOT EXCEED MAXIMUM DOSE = 90 mg

800

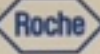
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DIN 02147440

Activase® rt-PA
alteplase for/pour injection

100 mg (58 x 10⁶ IU/UI)

1 x 100 mg vial (no vacuum present)
plus 1 x 100 mL diluent vial plus 1 transfer device
1 fiole de 100 mg (non sous vide)
1 fiole de 100 mL de solvant
1 dispositif de transfert

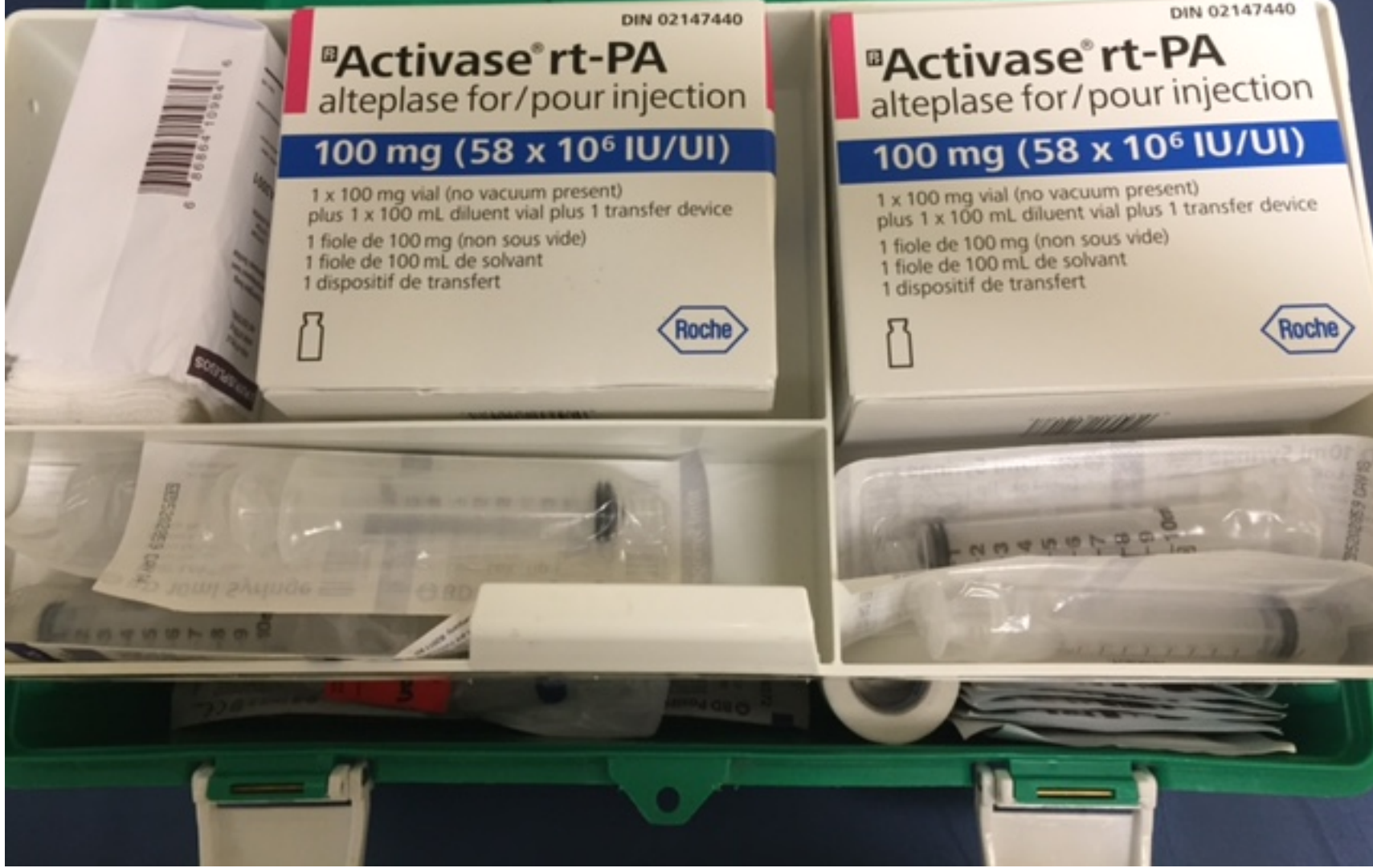
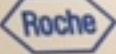


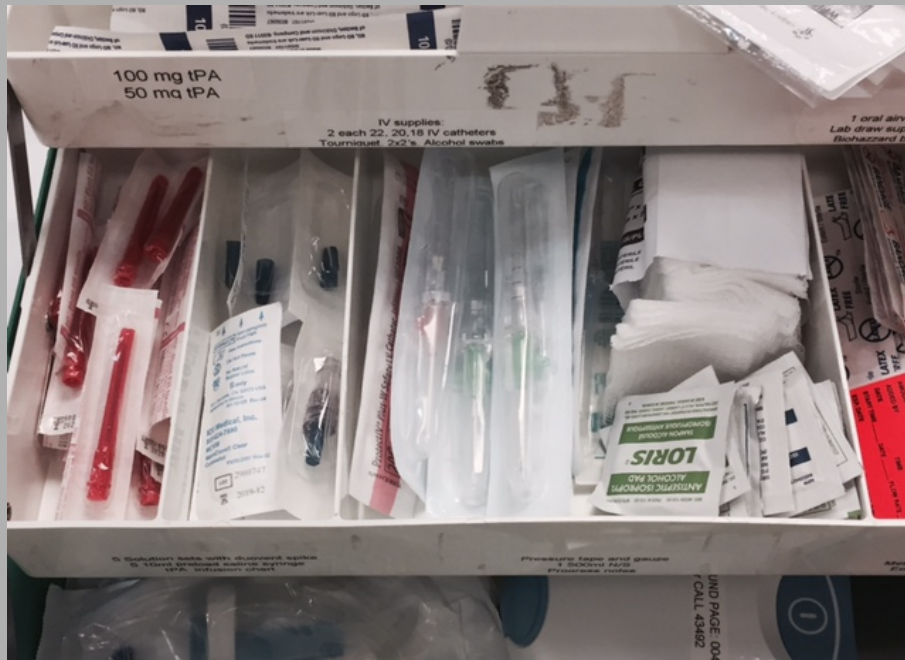
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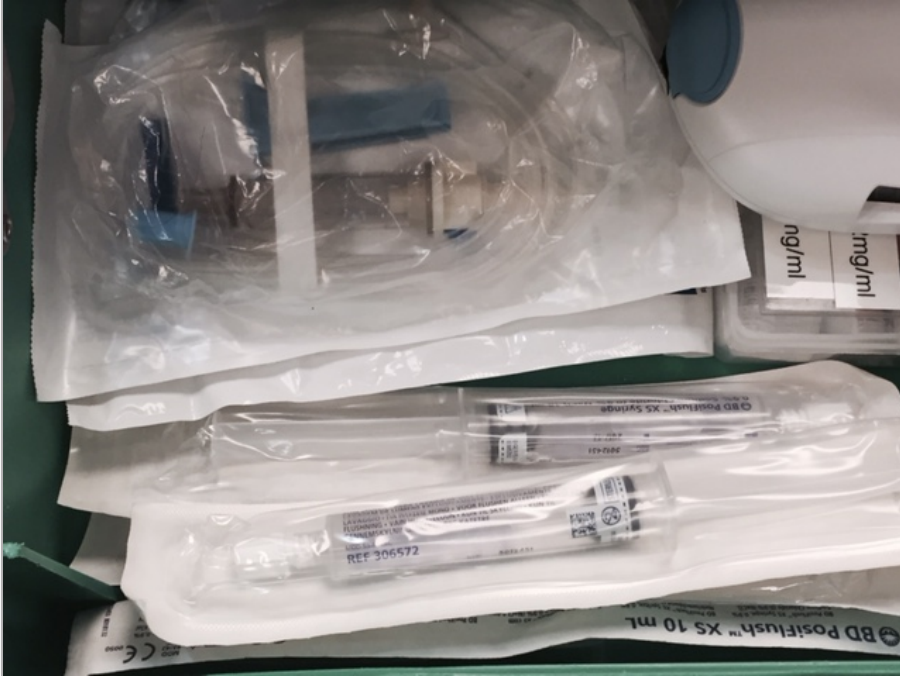




IV supplies

- 2 x 2's
- Alcohol swabs
- Tape
- Medication labels
- Tourniquet

Middle compartment



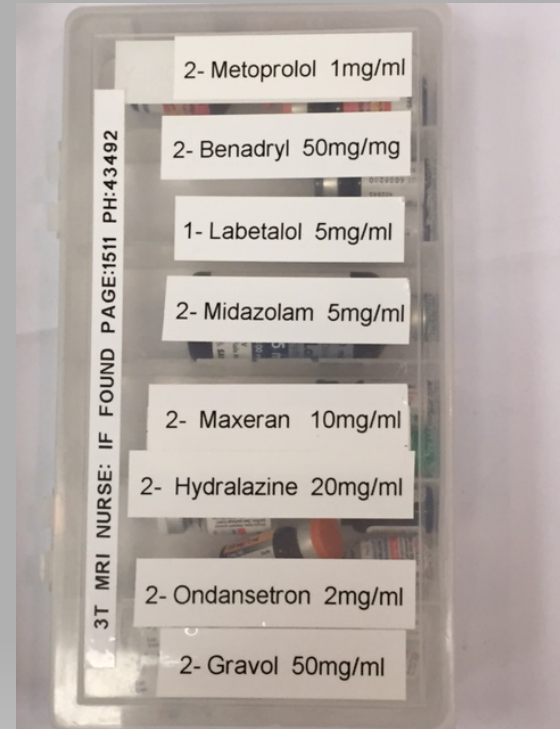
- Vented IV tubing
- Flush

Bottom left

Drugs?

**What will delay the scan?
What will delay tPA
administration?**

- Hypertension
- Vomiting
- Seizures
- Allergic Reactions





- Drugs:
 - Metoprolol
 - Benedryl
 - Labetalol
 - Midazolam
 - Maxeran
 - Hydralazine
 - Ondanzetron
 - Gravol

Contents of the Clot Box

Top:

- 2 boxes of tPA
- 6 10cc syringes

Middle:

- 2 each – 18g, 20g, 22g IV catheters
- Tape
- 6 tegaderm
- 2x2 gauze
- 2 tourniquets

Bottom:

- 4 N/S syringes
- 4 Vented IV tubings
- POCT supplies
- Drug box

Keep it simple!

