



# DOSING AID

## for Pro-Epanutin™ (fosphenytoin) in Status Epilepticus

### For Children 5 Years and Older



There have been deaths due to medication errors with Pro-Epanutin™

**DO NOT administer to children under 5 years of age.**

**Instructions for use:** This dosing aid is designed to help you administer a loading dose of fosphenytoin. Use the equations and/or consult the dosing table below to determine the appropriate dosing information based on patient weight.

#### ONLY FOR CHILDREN 5 YEARS AND OLDER

Refer to the summary of product characteristics (SmPC) for full prescribing details.

#### Administration of the loading dose

- The loading dose of fosphenytoin is 15 milligrams phenytoin sodium equivalents (PE) per kilogram (15 mg PE/kg) administered as a single dose by intravenous (IV) infusion. Intramuscular administration is not recommended.
  - Recommended IV infusion rate is 2 to 3 mg PE/kg/min. **Should not exceed 3 mg PE/kg/min.**
  - For IV infusion, dilute the dose in a solution of 5% glucose or 0.9% sodium chloride.
- It is essential to monitor ECG, blood pressure and respiratory function during and after fosphenytoin infusion (particularly in the first 30 minutes following administration). Cardiac resuscitative equipment should be available.
- For patients with renal or hepatic disease, consider a lower loading dose and/or infusion rate (10%–25% reduction). Careful clinical monitoring is required.

**TAKE CARE TO ENSURE THAT THE CORRECT DOSE OF FOSPHENYTOIN IS ADMINISTERED**

#### NOTE THAT:

- Each 10 mL vial of fosphenytoin contains 500 mg PE. PE = phenytoin sodium equivalents.
- Fosphenytoin should always be prescribed and dispensed in mg PE.

See the table below for infusion times.

**PLEASE NOTE: THIS DOSING GUIDE IS FOR USE FOR THE EMERGENCY TREATMENT OF STATUS EPILEPTICUS ONLY.**  
Consult the SmPC for guidance on maintenance dosing.

Loading doses, diluent volumes and infusion times per patient weight in kg.

Loading dose\*<sup>†</sup>  
(mg PE)

equals

Patient weight  
(kg)

multiplied by

15  
mg PE/kg

\*May require opening more than one vial. See package details.  
<sup>†</sup>Before IV administration, add diluent in volume that is equal to the volume of loading dose of fosphenytoin in mL.

Loading dose of fosphenytoin  
(mL)

equals

Loading dose  
(mg PE)

divided by

50  
mg PE/mL

Please use the table below to confirm all your calculations.

Minimum infusion time<sup>§</sup>

equals

For patients ≤50 kg: 5 minutes  
OR  
For patients >50 kg: Loading dose (mg PE)/150 mg PE/min

monitor during and after infusion

<sup>§</sup>Infusion time is critical due to risk for cardiovascular events.

#### CHILDREN 5 YEARS AND OLDER

Patient weight (kg)	Loading dose of fosphenytoin			Volume of diluent to add (mL)	Minimum infusion time (min)
	in milligrams phenytoin sodium equivalents (mg PE)	in milliliters of fosphenytoin (mL)	Number of vials required		
44 <sup>a</sup>	660	13.2	1 full + 1 partial	13.2	5
43	645	12.9	1 full + 1 partial	12.9	5
42	630	12.6	1 full + 1 partial	12.6	5
41	615	12.3	1 full + 1 partial	12.3	5
40	600	12	1 full + 1 partial	12	5
39	585	11.7	1 full + 1 partial	11.7	5
38	570	11.4	1 full + 1 partial	11.4	5
37	555	11.1	1 full + 1 partial	11.1	5
36	540	10.8	1 full + 1 partial	10.8	5
35	525	10.5	1 full + 1 partial	10.5	5
34	510	10.2	1 full + 1 partial	10.2	5
33	495	9.9	1 partial	9.9	5
32	480	9.6	1 partial	9.6	5
31	465	9.3	1 partial	9.3	5
30	450	9	1 partial	9	5
29	435	8.7	1 partial	8.7	5
28	420	8.4	1 partial	8.4	5
27	405	8.1	1 partial	8.1	5
26	390	7.8	1 partial	7.8	5
25	375	7.5	1 partial	7.5	5
24	360	7.2	1 partial	7.2	5
23	345	6.9	1 partial	6.9	5
22	330	6.6	1 partial	6.6	5
21	315	6.3	1 partial	6.3	5
20	300	6	1 partial	6	5
19	285	5.7	1 partial	5.7	5
18	270	5.4	1 partial	5.4	5
17 <sup>a</sup>	255	5.1	1 partial	5.1	5

<sup>a</sup>See Administration of the loading dose above for patients who weigh <17 kg or >44 kg. Please refer to the summary of product characteristics (SmPC) for full prescribing details.

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### DOSING AID

#### for Pro-Epanutin™ (fosphenytoin) in Status Epilepticus

Each 10 mL vial contains 750 mg fosphenytoin sodium equivalent to 500 mg phenytoin sodium (50 mg/PE/mL).

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**PLEASE READ**



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