

U•TORONTO

EMERGENCY MEDICINE

Freeze-Dried Plasma: The Toronto (IN)Experience

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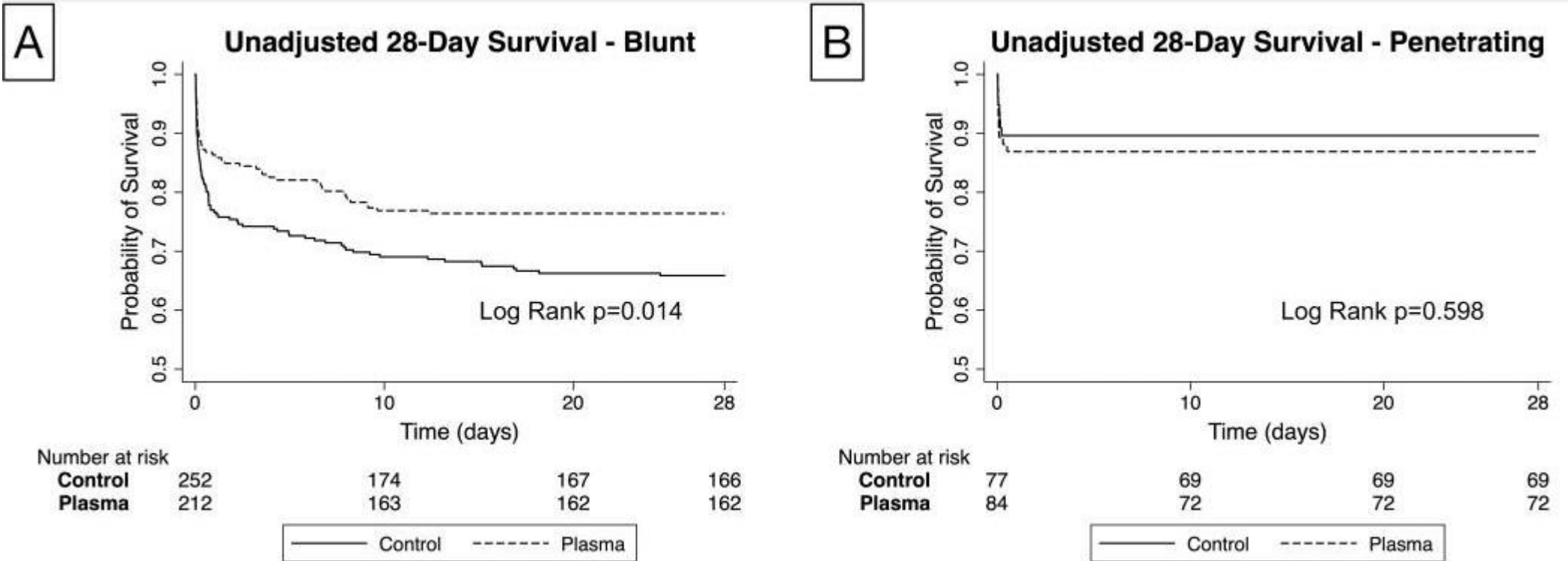
FDP: Is the Juice Worth the Squeeze?

- Used in World War II by U.S. and Allied Forces to overcome storage and transport limitations
- Needs no refrigeration and rapidly reconstituted
- Use declined after concerns regarding disease transmission
- Renewed military interest in Iraq and Afghanistan as part of modern damage-control resuscitation
- Where does it fit with LTOWB?

Evidence for FDP

- RePHILL – blood & plasma vs crystalloid – no mortality benefit
- PREHO-LYO – no improvement in INR, need for blood, 30 day survival
- COMBAT – no benefit, stopped for futility
- PAMPer showed improvement in 30 day survival for patients transported from scene (not in IFT group)
- Particular benefit if given within first 20 minutes

Pooled Post-Hoc Analysis of COMBAT and PAMPer



Where To Go From Here?

- Is FDP the “main event” or a distraction?
- Only 2-3% of all US EMS agencies give blood
- Institutional barriers in Toronto/Ontario/Canada (not currently approved by Health Canada)