EARLY GOAL-DIRECTED THERAPY IN THE TREATMENT OF SEVERE SEPSIS AND SEPTIC SHOCK

Rivers et al., NEJM 2001.

canadiens MVP INFOGRAPHIC SERIES



Sepsis and Septic Shock

(2001)

751 000 cases of sepsis and septic shock per year



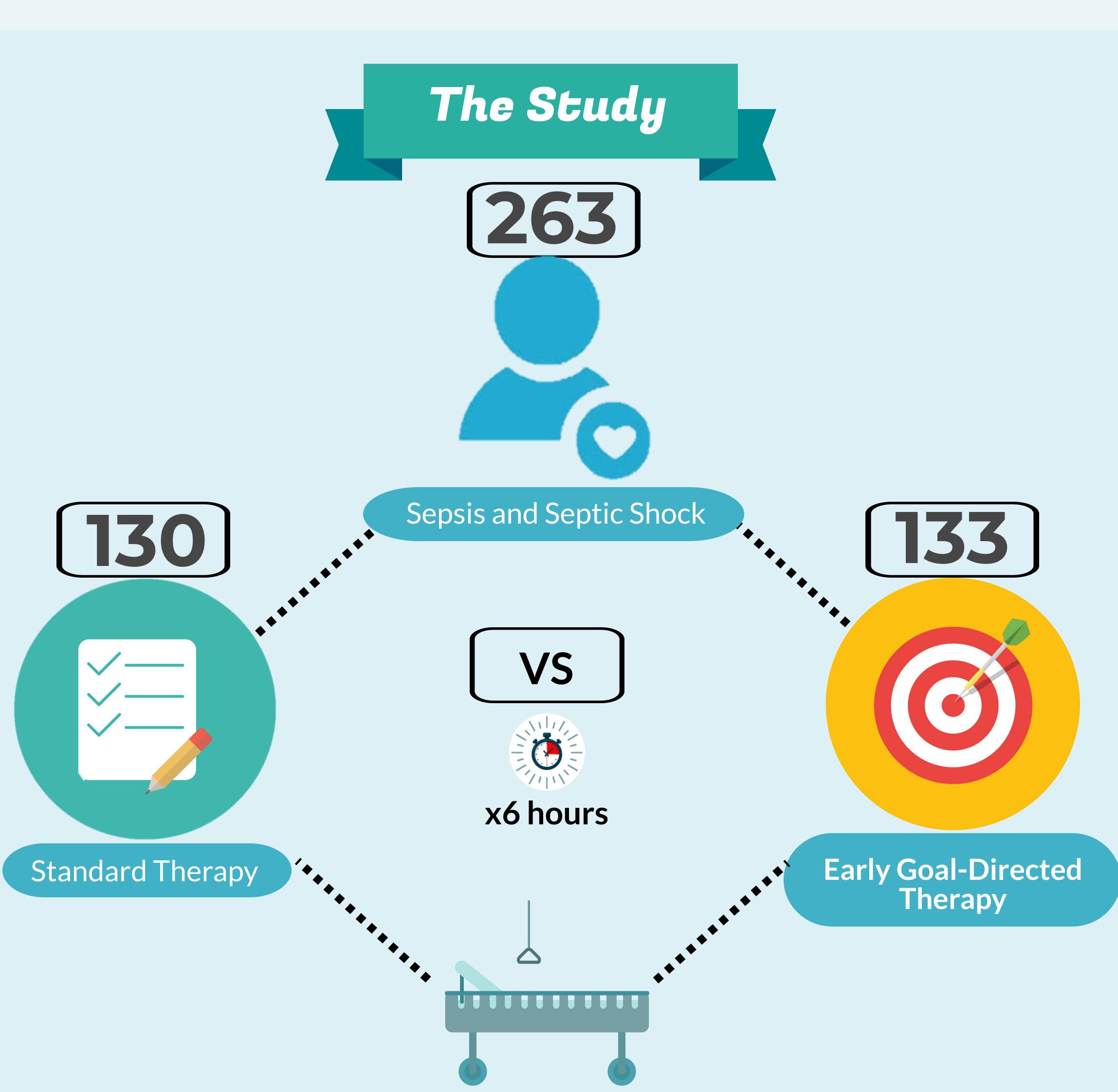
>215 000 deaths annually and increasing



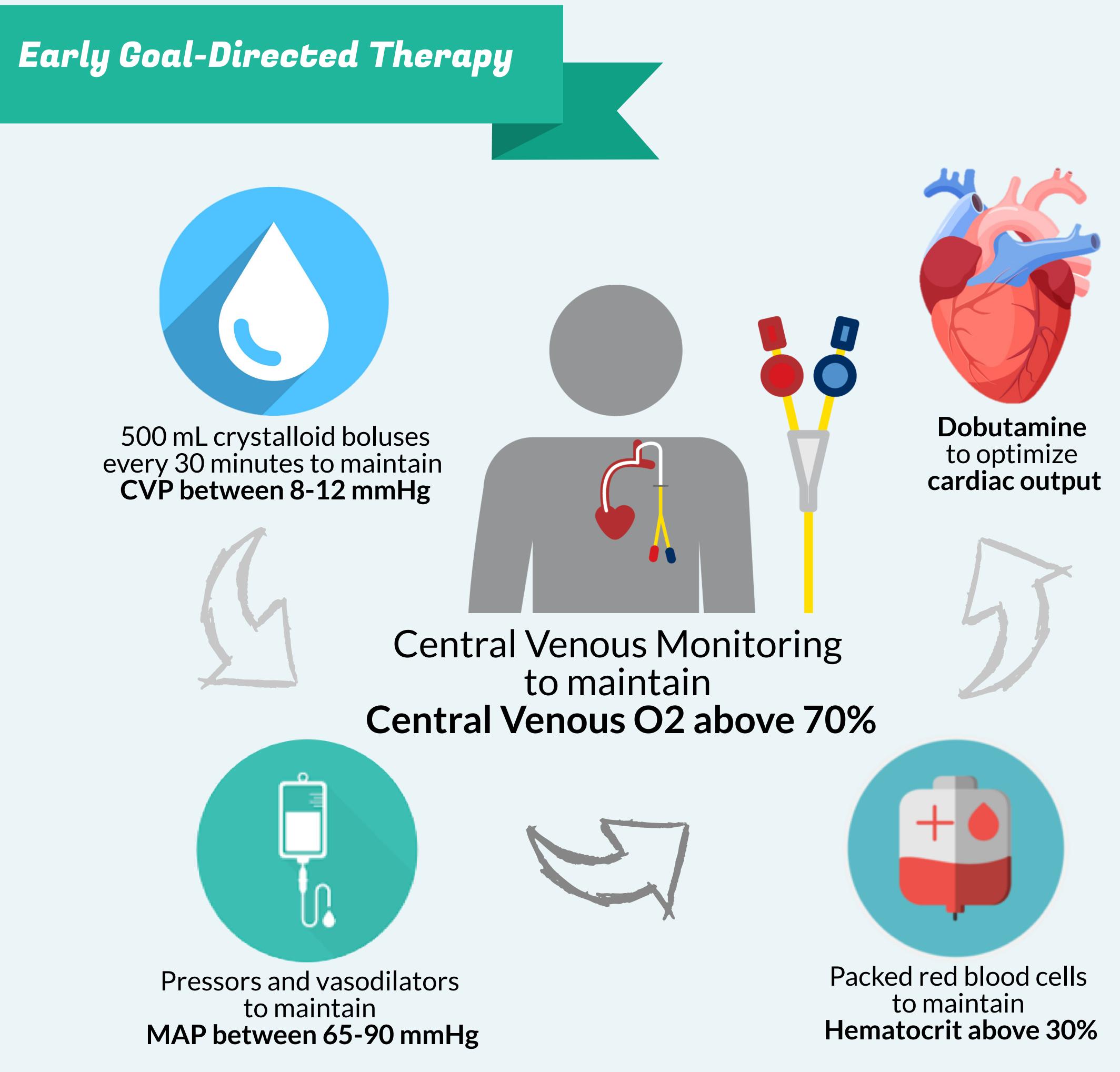
Annual cost of disease estimated at 16.7 billion dollars



How can ED management of sepsis reduce mortality?



Then, admission to ICU





In patients with severe sepsis and septic shock, EGDT reduces mortality and multi-organ dysfunction. Standard EGDT

In-Hospital mortality	38*	59
30-day Mortality	40*	61
60-day Mortality	50*	70
	*Sign	ificance attained: p<0.05
Tla aa	•	• , [

There were no differences in use of hospital resources (fluid volume, mechanical ventilation or pressor use).



The Rivers Trial has reshaped the way we think about sepsis care in the ED by emphasizing early recognition of sepsis as well as early aggressive management.

