Homework on §4.2—assigned Fri 9/30 and due Mon 10/3

Construct a derivation to show the following. Do not use any rules for disjunction other than PC and PE; in particular, do not use the rules MTP and Wk that are introduced in §4.3:

$$(A \wedge B) \vee C \vDash B \vee (C \vee D)$$

(*Hint:* If you exploit the resource at the first stage, you will have an opportunity to plan for the goal differently in the two case arguments.)