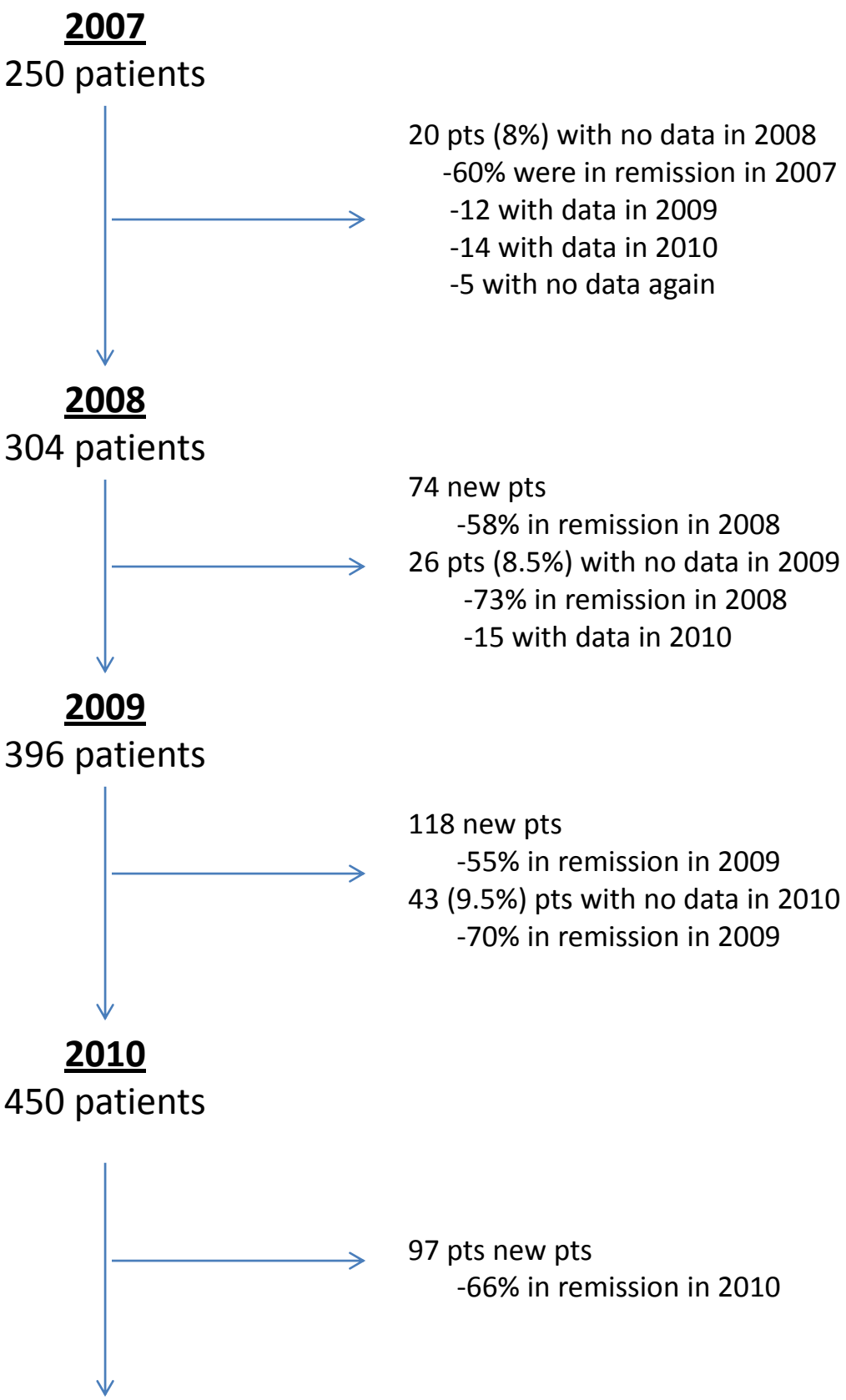Supplemental Figure 8