

32. Risques RA, Lai LA, Brentnall TA, et al. Ulcerative colitis is a disease of accelerated colon aging: evidence from telomere attrition and DNA damage. *Gastroenterology*. 2008;135(2):410-418.

Figure Legends

Figure 1. Cumulative incidence of relapse according to pre-treatment telomere length. Incidence of relapse per quartile. A greater rate of relapse was observed with each quartile as the telomere length shortened from the fourth to the first quartile.

Figure 2. Cumulative incidence of clonal evolution according to pre-treatment telomere length. (A) Incidence of clonal evolutions in the first quartile (shortest) compared to quartiles 2-4. (B) Incidence of monosomy 7 or complex cytogenetics in the first quartile (shortest) compared to quartiles 2-4.

Figure 3. Overall survival according to pre-treatment telomere length and absolute reticulocyte count (ARC). (A) Overall survival according to pre-treatment telomere length. A superior 6-year survival was observed in those in quartiles 2-4 compared to those in the first (shortest) quartile. (B) Overall survival according to pre-treatment telomere length and ARC. A favorable outcome was observed in patients with both a high ARC and longer telomeres (quartiles 2-4) compared to those with a low ARC and with the shortest telomeres (first quartile). An intermediate group with either a low ARC and longer telomere (quartiles 2-4) or a high ARC and with the shortest telomere length (first quartile) was observed. A high ARC was defined as $\geq 25,000 /\mu\text{L}$ and a low ARC $< 25,000 /\mu\text{L}$.¹²

eFigure 1. Age distribution according to age-adjusted telomere length quartiles. The mean is depicted and the error bars represent one standard deviation.

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Scheinberg, Cooper et al. "Association of telomere length of peripheral blood leukocytes with hematopoietic relapse, malignant transformation, and survival in severe aplastic anemia"

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