

Article Title: Spermatozoa Centriole Quality Determined by FRAC May Correlate with Zygote Nucleoli Polarization – a Pilot Study

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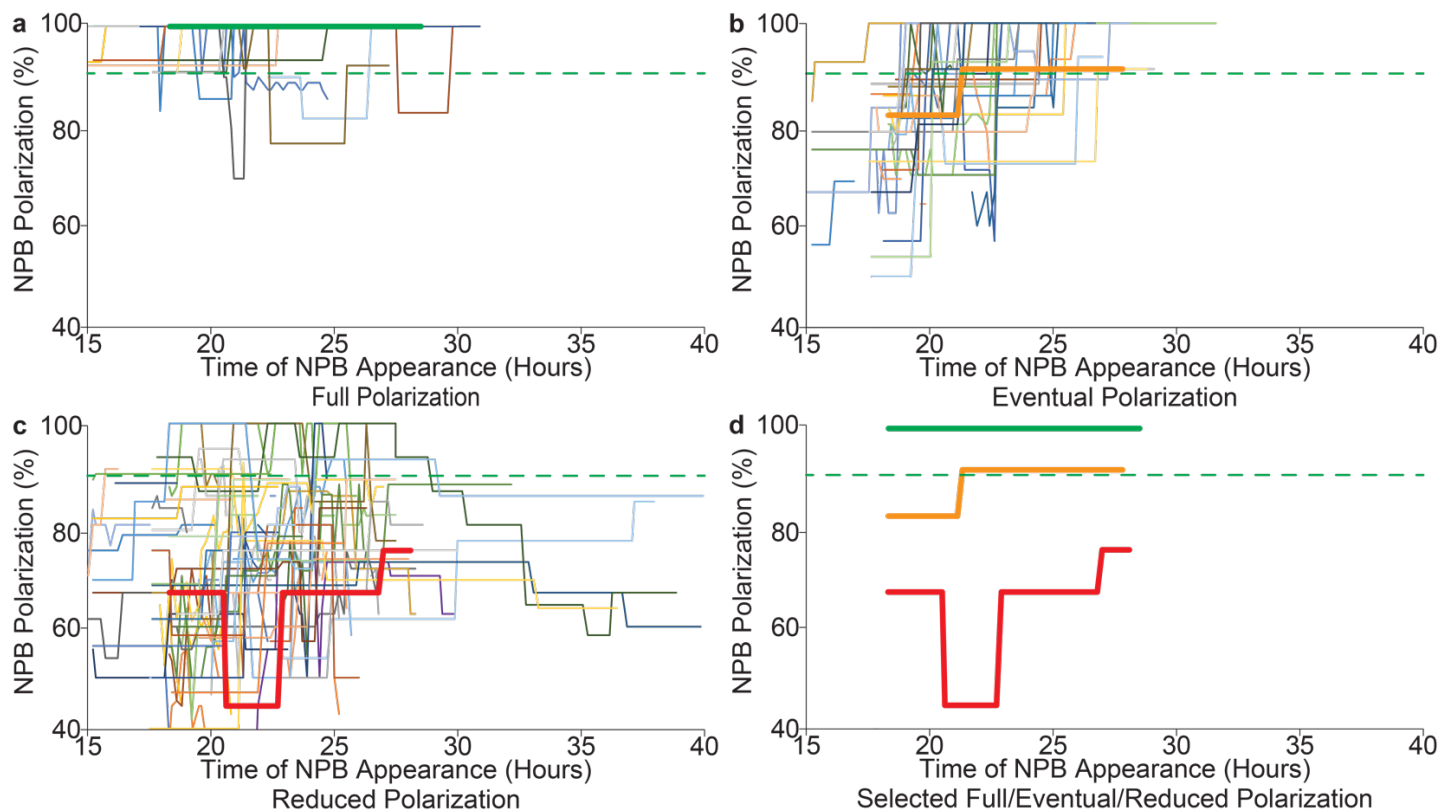
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Online Resource 5 Three NPB polarization patterns were observed. **(a)** A full polarization pattern was characterized by scoring starting above the 91% cutoff and ending above the cutoff. Some deviation occurs, which makes the scoring fall below the cutoff at times during the patterned NPB polarization scoring. N=44 embryos analyzed. The thick green line represented an example of the full polarization pattern; **(b)** An eventual polarization pattern was characterized by scoring starting below the 91% cutoff but ending above the cutoff at the time of NPB disappearance. N=35 embryos analyzed. The thick orange line represented an example of the eventual polarization pattern; **(c)** A reduced polarization pattern was characterized by scoring starting and ending below the 91% cutoff. N=61 embryos analyzed. The graphs do not show three embryos with intervals below 40% polarized. The thick red line represented an example of the reduced polarization pattern; **(d)** A graph of a selected embryo from each pattern with similar start and end times