



Supplement Fig. 1. Flow diagram of the experimental design. Semen samples were split in two fractions for simultaneous sperm isolation by swim-up (SU) and density gradient centrifugation (DGC). Recovered spermatozoa were incubated at different times for evaluation of the static oxidation-reduction potential (sORP), spontaneous intracellular calcium oscillations, hyperactivation, protein tyrosine phosphorylation, and acrosome reaction to ionophore challenge (ARIC). sHTF: supplemented human tubal fluid.