**Supplementary Material**

*N*-Acetylcysteine improves oocyte and embryo quality in polycystic ovary syndrome patients undergoing intracytoplasmic sperm injection: an alternative to metformin

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Fig. S1. Some of the abnormalities in the oocytes retrieved of PCOS patients:

a) MII oocyte with normal homogenous cytoplasm with a thick zona pellucida; b) MII oocyte with normal homogenous cytoplasm and normal perivitelline space; c) The fertilized oocyte with an amorph & fragmented polar body and the large perivitelline space; d) Oocyte with excessive granularity concentrated in the central cytoplasm with a dark zona pellucid; e) Oocyte with several large vacuoles distributed throughout the oocyte cytoplasm; f) Oocyte with granularity in the central part of the cytoplasm with large perivitelline space; g) Oocyte with a spindle located under the first polar; h) Oocyte with the two sets of visible spindle body (400× magnification).