

EFFECT OF DEXTRAN ADDITION TO FREEZING EXTENDER ON RABBIT SEMEN PARAMETERS AND REPRODUCTIVE PERFORMANCE USING TWO FREEZING PROTOCOLS

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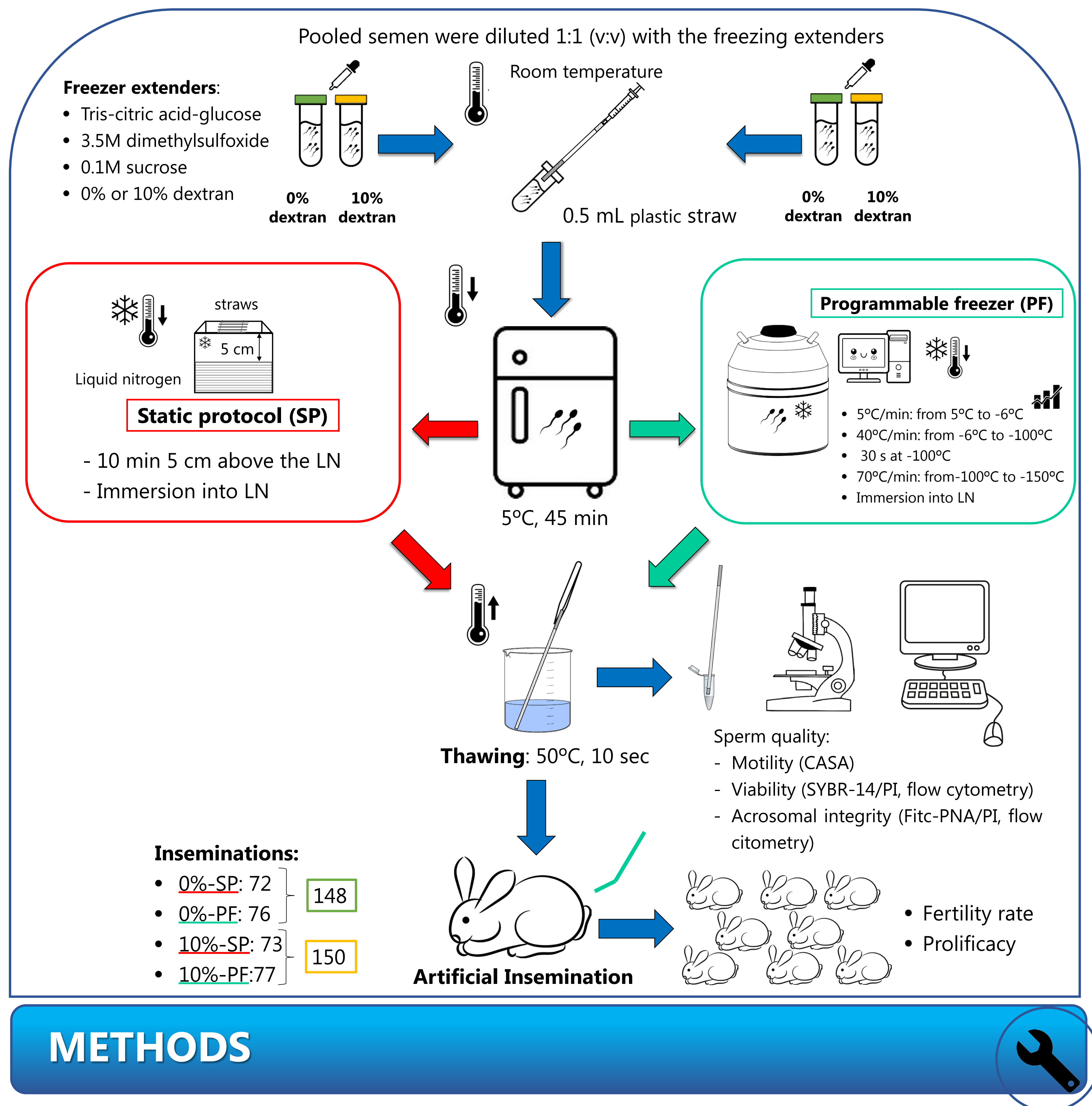
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The addition of polymers to freezing extender can reduce the crystallization temperatures and protect membranes against cryoinjury.

INTRODUCTION

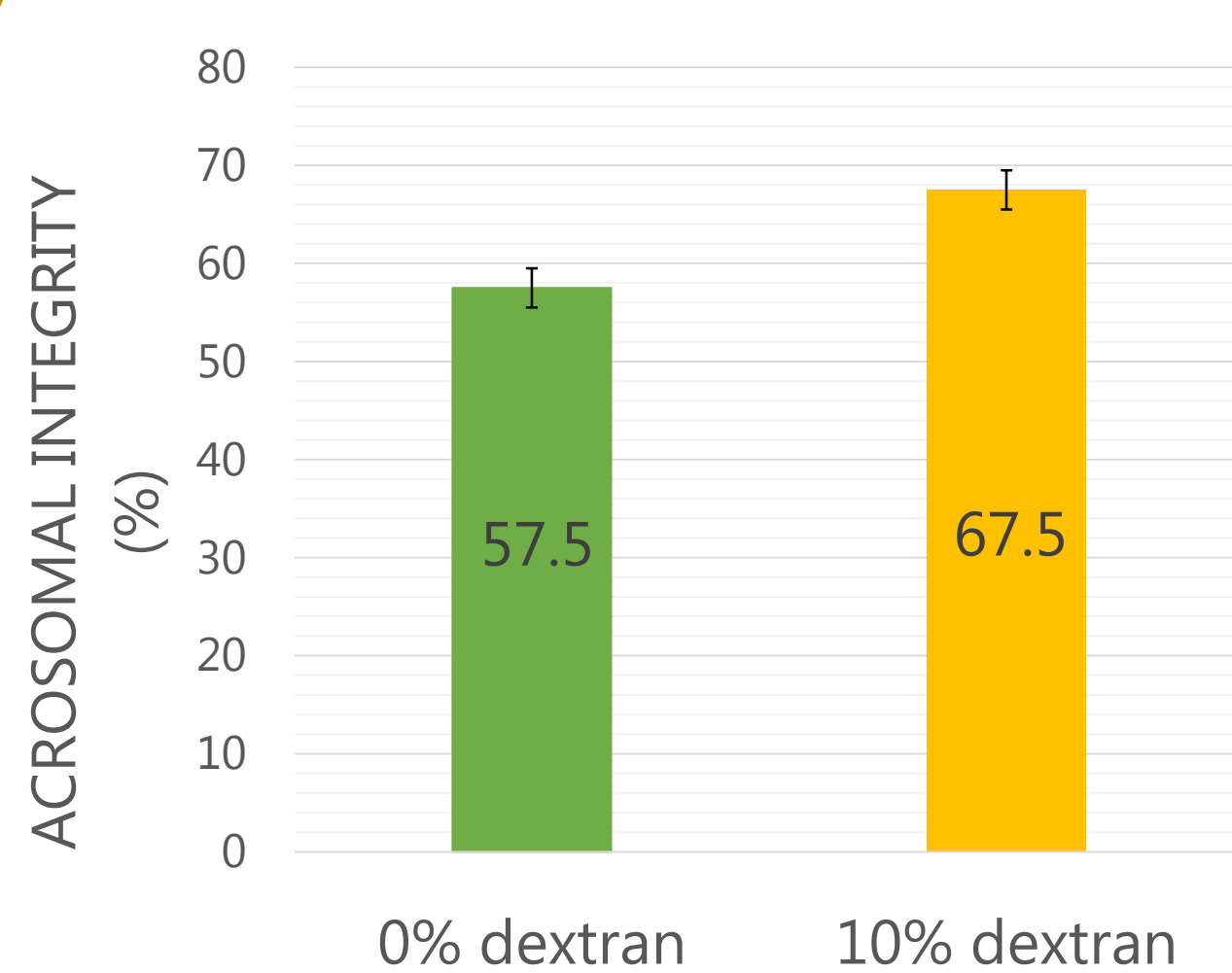
To study the effect of dextran addition to rabbit freezing extender using two cryopreservation protocols

OBJECTIVE



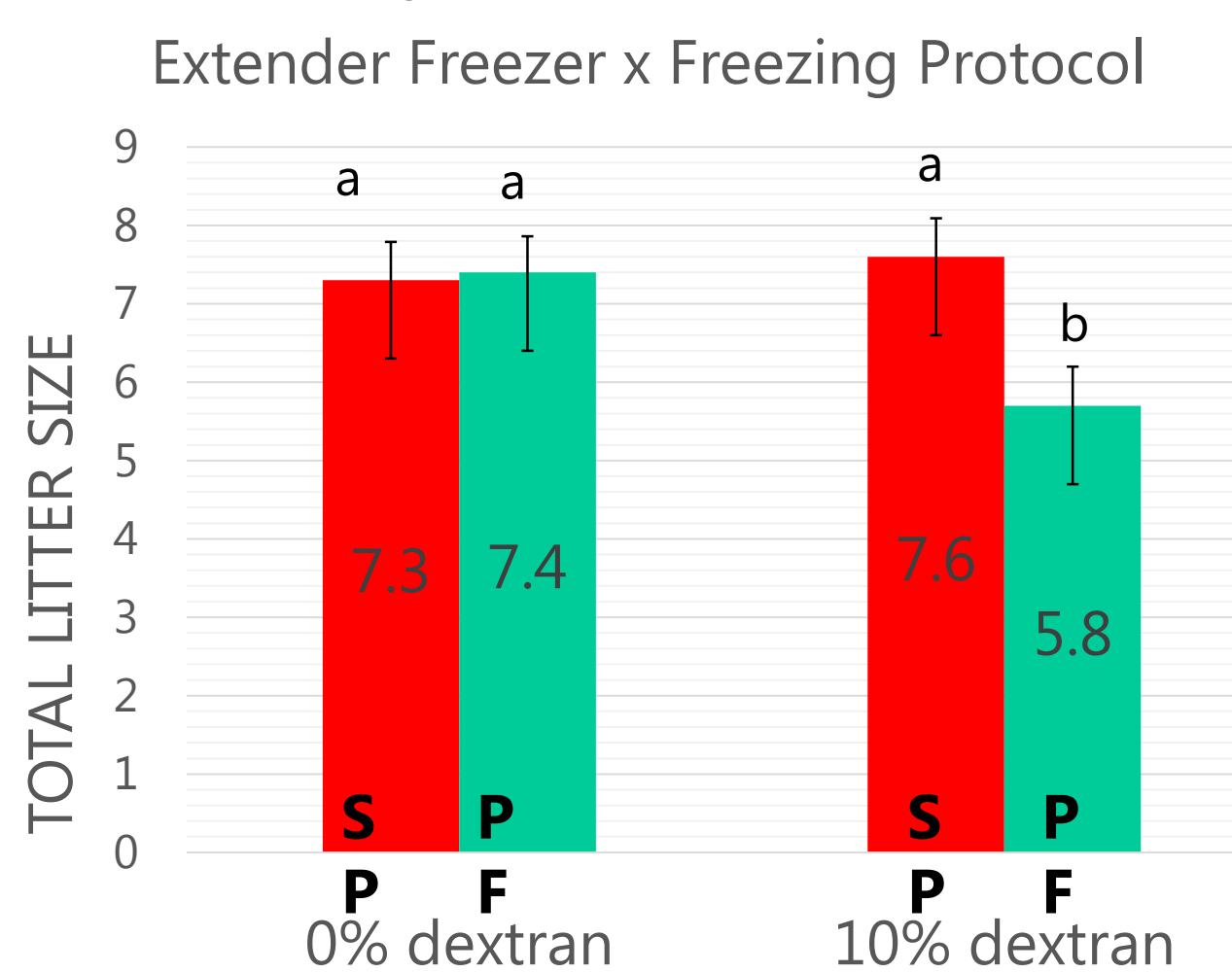
METHODS

No effect on motility or viability



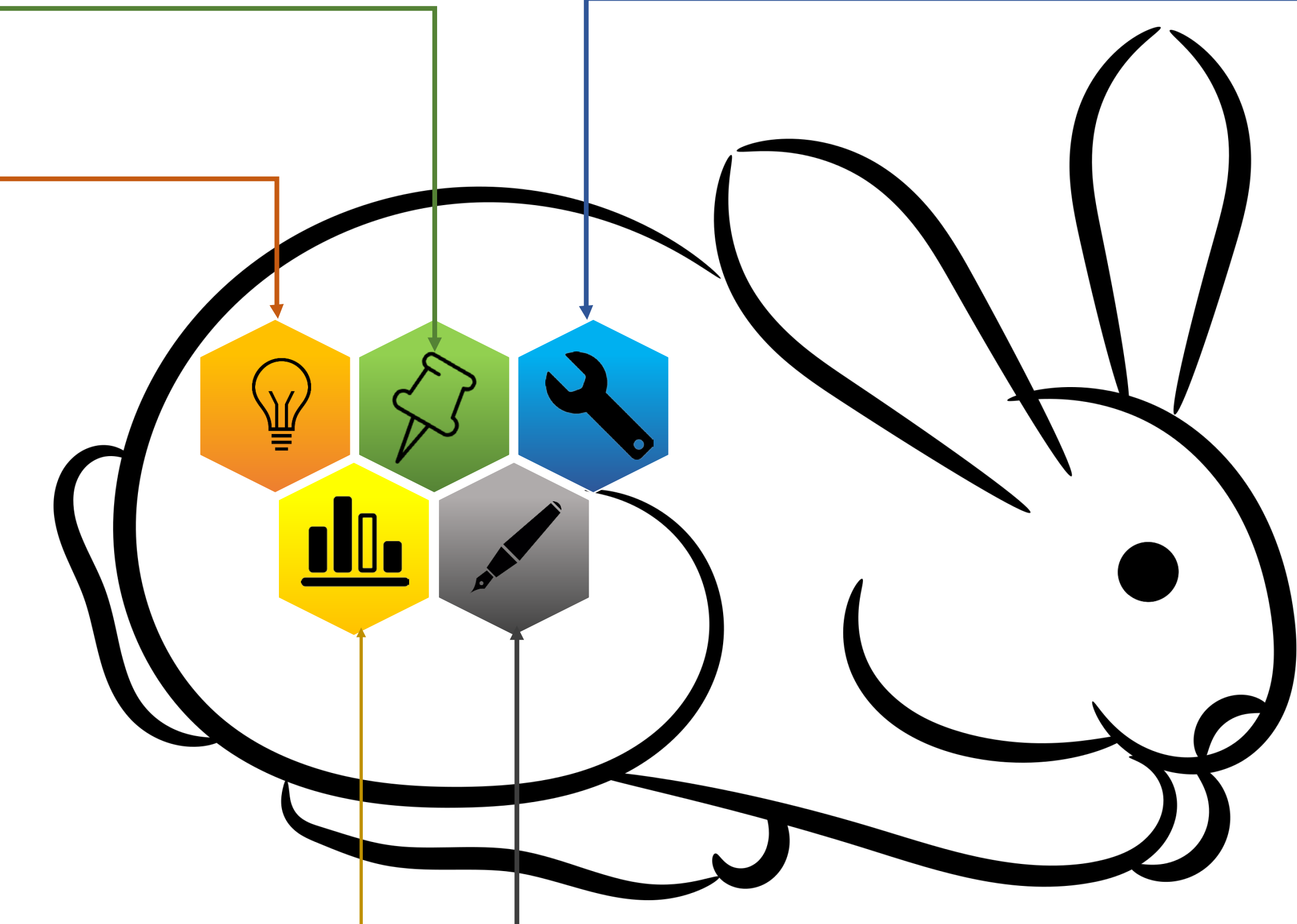
The presence of dextran improved the acrosomal integrity

Fertility was not affected by the group ($70.0 \pm 2.7\%$)



For prolificacy, the interaction extender x freezing protocol was significant ($P < 0.05$)

RESULTS



Using a static protocol, dextran extender increases seminal quality, but has no effect on reproductive performance.

CONCLUSIONS