



Technology Offer

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System for investigation of a small animal

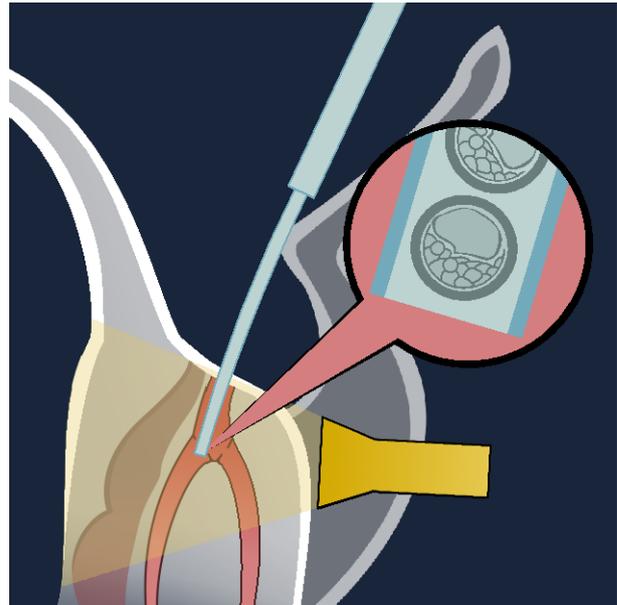
Introduction

The present state of the art of systems for non-surgical embryo transfer procedures results in low efficiency. Said devices do not permit the direct visual control of transferred embryos. In particular, the animals are not immobilized. The person performing an embryo transfer has to hold the animal in one hand and perform transfer with the other using the catheter and hub. During this procedure the animal can turn or move and if the catheters tip is introduced into the vagina, an animal will experience pain. Moreover this will lead to the additional loss of embryos.

It is therefore important to find an improved system which allows investigation of an object, in particular an animal, e.g. a rodent, such as a mouse, rat or guinea pig etc. and which is in particular useful for non-surgical embryo transfer to or from said animal.

Invention

The invention relates to a system that comprises a stand device, in particular a gynecological stand device, and a fixation device configured to receive and hold an object, in particular an animal, to be investigated in position, wherein the stand device comprises a housing provided with a lightning device, and wherein the fixation device is releasable attached to the stand device in a position in which light of the lightning device illuminates an area of the object to be investigated received in the fixation device, in particular a genital tract of an animal.



Advantages of the invention

The invention relates to a system for investigation of an object, in particular a small animal, wherein the system is suitable in particular for non-surgical embryo transfer procedure in mammals, particularly animals such as for example rodents, e.g., mice, rats or guinea pigs etc. and other relatively small size animals.

Patent situation

A patent application has been filed.

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