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(54) Title (EN): CIRCUMCISION DEVICE AND METHOD FOR MASS CIRCUMCISION

(54) Title (FR): DISPOSITIF DE CIRCONCISION ET PROCÉDÉ DE CIRCONCISION DE MASSE

(57) Abstract:

(EN): System (100, 150, 200) for effecting ischemic necrosis in a foreskin of a penis, including a rigid ring (104, 158, 204), at least one elastic ring (106, 158, 206, 282, 284) and at least one circumferential groove (108), the rigid ring including an inner surface, the inner surface including an inner diameter, and an outer surface, the outer surface including an outer diameter, the elastic ring being configured to substantially fit around a surface of the rigid ring, the circumferential groove being located on a surface of at least one of the rigid ring and the elastic ring, wherein the inner diameter of the rigid ring is at least slightly larger than a diameter of a shaft of the penis, wherein a diameter of the elastic ring in a relaxed state is at least substantially equal to the diameter of the shaft of the penis, wherein the rigid ring is placed around a first surface of the foreskin, wherein the elastic ring is placed around a second surface of the foreskin, the foreskin being placed within the circumferential groove, the rigid ring and the elastic ring thereby compressing the foreskin in the circumferential groove with a compression force, and wherein the compression force is sufficient to effect ischemic necrosis in the foreskin.

(FR): La présente invention concerne un système qui permet d'effectuer une nécrose ischémique dans le prépuce d'un pénis. Ledit système comprend un anneau rigide, au moins un anneau élastique et au moins une rainure circonferentielle. Ledit anneau

rigide comporte une surface interne qui présente un diamètre interne, et une surface externe qui présente un diamètre externe. Ledit anneau élastique est conçu de manière à s'adapter sensiblement autour d'une surface de l'anneau rigide. Ladite rainure circonférentielle est située sur une surface de l'anneau rigide et/ou de l'anneau élastique. Le diamètre interne de l'anneau rigide est au moins légèrement supérieur au diamètre d'une verge de pénis. Un diamètre de l'anneau élastique dans un état relâché est au moins sensiblement égal au diamètre de la verge du pénis. L'anneau rigide est placé autour d'une première surface du prépuce. L'anneau élastique est placé autour d'une seconde surface du prépuce. Le prépuce est placé dans la rainure circonférentielle. L'anneau rigide et l'anneau élastique compriment ainsi le prépuce dans la rainure circonférentielle avec une force de compression suffisante pour réaliser la nécrose ischémique du prépuce.

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