São Sebastião da Grama, Mars 09th of 2012.

TO WHOM IT MAY CONCERNS

The Brasuture Polyglycolic Acid sutures (PGA) are manufactured according to international standards, meeting the requirements of Brazilian Pharmacopoeia, NBR 13904 (Brazilian Regulator Norm – Suture threads), the United States Pharmacopoeia (USP) and European Pharmacopoeia (EP).

The Brasuture PGA sutures are composed by braided and multifilament synthetic absorbable filaments of polyglycolic acid polymer.

The polyglactin (PGLA) and polyglycolic acid have similar properties comproved in scientific literature, being both indicated to the same use.

However, the polyglactin have a lower tensil strengh than polyglycolic acid, so in order to both having the same tensile strength performance, it is needed a higher thread diameter of PGLA compared to PGA, and consequently with PGLA it will have a more quantity of strange body that can promote higher relative tissue reaction.

See below a comparative chart between the main properties of PGA and PGLA sutures.

THREADS:	VICRYL®	POLYBLYCOLIC ACID BRASUTURE
MATERIAL	POLYGLACTIN 910®	POLYGLYCOLIC ACID
ORIGIN	SYNTHETIC	SYNTHETIC
TISSUE REACTION	LOW	LOW
TENSILE STRENGHT AFTER IMPLANTATION	1º DAY = 100% 14º DAY =65% 21º DAY = 30 / 40% 28º DAY = 5 / 10%	1º DAY = 100% 14º DAY =65% 21º DAY = 40 / 50% 28º DAY = 5 / 10%
APSORPTION TIME (DAYS)	60 ~ 90	90 ~120
ABSORBTION PROCESS	HYDROLISIS	HYDROLISIS
COLOR	VIOLET / COLORLESS	VIOLET / COLORLESS
MEMORY	REGULAR	REGULAR
CONSTRUCTION	BRAIDED	BRAIDED

Obs.: Vycril® e Polyglactin 910® are trade mark of Johnson & Johnson.

By _____
Antonio Roberto Jr.
BRASUTURE IND. COMÉRCIO
IMPORTAÇÃO E EXPORTAÇÃO LTDA.

Antonio Roberto de Souza Jr.
Technical Responsible