A brief history

Saccomanno G. with other people, such as Koss L.G., has guided the development of the cytopathology, a new science introduced only recently in the 1900s.

Saccomanno also developed a blending method for urine cytology, but he is famous for a concentration technique of the respiratory tract specimens (sputum, bronchial washings, bronchoalveolar lavage samples and tracheal aspirates). In fact, many laboratories of cytopathology in the world use the Saccomanno method, a procedure to homogenise the samples of the respiratory tract before spreading the material onto a glass slide. These specimens are usually prefixed with the Saccomanno's fixative.

Saccomanno invented the Exact-Touch®, a new single sampler for the uterine cervix and a fixative called Centrafix for processing conventional smears, manufactured by SANO LIFE MEDICAL srl considered by the several Studies the optimal method for the Pap Smear Collection.

The first article that described this new technique to collect ectocervical cells and endocervical cells and its advantages was the following:

Cenci M., Midulla, De Iorio P., Vecchione A.  
"Exact Touch®: A new single sampler for the uterine cervix"  
Acta Cytologica 1999, 43 (Nov.-Dec.)

M. Cenci, A. Vecchione.
"The false negative smear facts and solution"
Atti di I.F.C.P.P. Buenos Aires, 7-11 November 1999

M.Cenci, A. Vecchione, M.D, M.I.A.C.
"Usefulness of Cervical Collection by the Exact-Touch®, the Saccomanno Single sampler, combined with Automated-Primary Screening."
Diagnostic Cytopathology 2000 Vol.23; N.4 (October)

G. De Palo, B. Stefanon, L. Alasio, S. Pilotti.
“Exact-Touch®; a new device for cervical cytology. Comparison with Ayre spatula plus Cytobrush”
Cytopathology 2000 ,18 april Vol.11 pag. 322-325.
Technology So Advanced It's Patented

Exact Touch® is a plastic device for ecto-endocervical sampling at the same time. It consists of two arms, one endocervical and one ectocervical, with soft plastic bristles, and at the other end there is a plastic spatula. The ectocervical arm is semilunar and 2.0 cm long, and the length of the bristles is 0.3 cm. The ectocervical arm originates perpendicularly from the centre of the ectocervical arm. It is 1.5 cm long, and the length of the bristles is 0.3 cm near to the ectocervical arm and degrading to 0.15 cm near the top. The total length of the Exact Touch® is 20 cm.

The Exact Touch® Pap Smear Collection System is highly accurate integrated approach for the early detection of cervical cancer.

One piece, anatomically correct medical device used for simultaneous collection of endocervical and ectocervical cells for pap procedures.
Exact Touch® Benefits

Increased "monolayering enhances Cytological examination.

Decreases need for repeat pap smears.

Requires only one 360° rotation, thus saving time and patient discomfort.

Laboratory preparation time is minimized due to custom form fit of glass slide (no adhesives).

Has no moving parts. This eliminates potential problems encountered with two-piece collection systems.

The flexible bristle design is anatomically correct, providing optimal cell sampling.

Exact Touch is a useful device since it removes more endocervical and metaplastic squamous cells and requires less time than a method utilizing two collection system (Prof. De Palo et al.).

The lateral arms of the Exact Touch device are self-limiting for consistent access to the squamo-columnar junction. (An adequate and representative cellular sampling of the squamo-columnar junction and the endocervical canal is mandatory to avoid false-negative sampling errors of PapTest).

No sharp wires that may cause Erythema and Erosion.

Cellular clumping and debris are negligible.

Cervical specimen is applied in two paintbrush-like strokes eliminating the time-consuming and costly VCE technique.

Cell preservation is enhanced when the paintbrush-like application to the glass slide and CentaFix spray are applied, minimizing air-drying.

Spatula may be used to obtain vaginal specimen.