Gold Standard

Any standardised clinical assessment, method, procedure, intervention or measurement of known validity and reliability which is generally taken to be the best available, against which new tests or results and protocols are compared

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Gold standard,

1 an accepted test that is assumed to be able to determine the true disease state of a patient regardless of positive or negative test findings or sensitivities or specificities of other diagnostic tests used.

2 an acknowledged measure of comparison of the superior effectiveness or value of a particular medication or other therapy as compared with that of other drugs or treatments.

Mosby's Medical Dictionary, 8th edition. © 2009, Elsevier.

gold standard

Criterion standard The best or most successful diagnostic or therapeutic modality for a condition, against which new tests or results and protocols are compared. See Standard of practice, Practice guidelines.

McGraw-Hill Concise Dictionary of Modern Medicine. © 2002 by The McGraw-Hill Companies, Inc.

GSV stripping, Gold Standard, EBM and Scientific Phlebology and

1- First of all we should refer to the Gold Standard definition in medicine: “-Any standardised clinical assessment, method, procedure, intervention or measurement of known validity and reliability which is generally taken to be the best available, against which new tests or results and protocols are compared :Segen's Medical Dictionary. © 2012 Farlex, Inc.”

2-RCTs are to-day the Evidence Based Medecine Gold Standard to assess validity and reliability of a method/procedure.

3- Are they any EBM evidences about GSV stripping and its Gold Standard status?

a- So far, only the conservative hemodynamic method has been proved better than Gold Standard (stripping) (Parès (Ann Surg 2010, 5 years Follow up) and Carandina (EJVES 2008, 10 years Follow up) showed recurrence odds ratios (2.01 and 2.2, respectively). A Chiva vs Stripping Review is about to be published by Cochrane Library. So far, no such RCT ( surgical or endo-venous procedures ( based on the same concept as stripping, i.e venous destruction as basic treatment) vs Stripping are published.

b- In addition, conservative hemodynamic surgery spares the venous capital for a future possible by-pass, that is a real benefit in aging population.

4- Is it a good professional reason to prefer undergoing Stripping instead of conservative/hemodynamic procedure if the Physician is not “trained” enough to perform the later? Is it the “responsibility” of the method or of the physician? When a physician is supposed to offer the best to the patient ( Hippocrates Oath).

5- Does a procedure high trend represents a medical scientific data according to EBM or a marketing ( companies pressure , medical lobbies etc…) ?

All the best

Claude Franceschi

The fact that the conservative hemodynamic method needs a special expertise .”In not adequately trained hands, I would prefer to undergo stripping” (Milone M. Recurrent varicose veins after surgery. Stripping vs.CHIVA and surgeon’s experience. G Chir 2011).

In RCTs comparing stripping and conservative hemodynamic surgery, Parès (Ann Surg 2010, 5 years Follow up) and Carandina (EJVES 2008, 10 years Follow up) showed recurrence odds ratios (2.01 and 2.2, respectively) clearly demonstrating that stripping is no longer “the best” or “most successful therapeutic option

Which method have been

So, the GSV Stripping should remain the Gold Standard as long as any other method is demonstrated better .

Then, define the criteria on which to compare an alternative method to GSV stripping.

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B- 1-an accepted test that is assumed to be able to determine the true disease state of a patient regardless of positive or negative test findings or sensitivities or specificities of other diagnostic tests used. 2 - an acknowledged measure of comparison of the superior effectiveness or value of a particular medication or other therapy as compared with that of other drugs or treatments.Mosby's Medical Dictionary, 8th edition. © 2009, Elsevier.

C- The best or most successful diagnostic or therapeutic modality for a condition, against which new tests or results and protocols are compared. See Standard of practice, Practice guidelines.McGraw-Hill Concise Dictionary of Modern Medicine. © 2002 by The McGraw-Hill Companies, Inc.

Per Vasculab: se CHIVA si e dimostrato superiore allo stripping in termini di costi, dolori, complicanze e recidive (RCT), allora la CHIVA e il nuovo Gold standard? Con in più conservazione patrimonio venoso!

Ci sono lavoro ( RCT) che si dimostrano superior allo stripping in termini di recidive, tranne CHIVA?

vale la peno che lo scrivo su Vasculab?