

Principal Clinical Trials Bioscanner® TRIMprob with publications

Organ	N° patients	Sensibility %	Specificity %	Positive Predictive Value (P.P.V)	Negative Predictive Value (N.P.V.)	Accuracy %	SCIENTIFIC ARTICLE
PROSTATE							
1- Prof. Scialpi M, Prof. Vedruccio C. (HSS Annunziata Taranto)	43	94	92		96	93	Nuove possibilità diagnostiche tramite onde elettromagnetiche (<i>Fisica in medicina 2004</i>)
2 – Dr. Bellorofonte C et Al. (HSCarlo – Milano)	757	95	43	94	90		Non-invasive detection of prostate cancer by electromagnetic interaction (<i>European Urology, Jan. 2005</i>)
3 – Dr. Da Pozzo L et Al. (Multicentre Clinical trials in five Univ.: HSRaffaele – Mi, Federico II NA, Careggi FI, S.Orsola-Malpighi BO, Cattinara Trieste)	188	80	51	44	84	60	Tissue-resonance interaction method for the non-invasive diagnosis of prostate cancer: analysis of a multicentre clinical evaluation (<i>BJU Int, Nov. 2007</i>)
4 – Prof. Tubaro A et Al. (HSAndrea – Univ.Roma)	111	86	63	60	88	72	The electromagnetic detection of prostatic cancer: evaluation of diagnostic accuracy (<i>Urology, Aug. 2008</i>)
5 – Dr Gokce O et Al. (Dip. Urologia –Univ. Istanbul)	148	76	61	40	89		TRIMprob has the potential to be used alongside the recognized tests in the screening protocols for prostate cancer (<i>Int J Urol, Jun. 2009</i>)
6- Prof. Cerulli, dr.Di Vaccaro et Al (Univ.Umberto I° Roma)	782	(with PSA>4ng/ml) 84,1	(with PSA>4ng/ml) 67,8	(with PSA>4ng/ml) 61,7	(with PSA>4ng/ml) 83,8		The accuracy of tissue resonance interaction method probe (Trimprob tm) in non-invasive diagnosis of prostatic cancer. Analysis of the result of 782 patients (<i>Urologia 2009</i>)
BLADDER							
7- Dr. Leucci, Prof Vedruccio (H. Vito Fazzi – Lecce)	114	87,5 (Cohen's K = 0.77)	90,5 (P < 0.001)	83,3	91,1	89,5	Diagnosis of bladder cancer at 465 MHz. (<i>Electromagn Biol Med, 2007</i>)
BREAST							
8- Dr. Paganelli, dr. De Cicco C (I.E.O. – Milano)	101	84	75		80	72	Clinical application of spectral electromagnetic interaction in breast cancer: diagnostic results of a pilot study (<i>Tumori, 2006</i>)
9- Dr. Carrozza, Prof.Vedruccio (Oncologia Medica Ospedale Umberto I, Lugo -Ravenna)	180		(p<0.001) 0,90/0,97				Breast Cancer Diagnosis Possibility By Means Of Vedruccio's Non-Linear Resonance Interaction Scanner (TRIMprob) (2007)
TYROID							
10- Prof. Sacco R et Al. (Clinica Chir. –Univ Catanzaro)	51	100	100			100	Preoperative diagnosis of incidental carcinoma in multinodular goitre by means of electromagnetic interactions (<i>Chir Ital, Apr. 2007</i>)
STOMACH - DUODENUM							
11- Prof Vedruccio C/ Prof. Mascia E et Al (Clinica Chir. Osp MM- Taranto)	45	93	93	95	92		Ultra high frequency and microwave non-linear interaction ... (<i>Inter Rev Armed Forces Med Services 2005</i>)
12- Prof. Sacco R et Al. (Clinica Chir. – Univ Catanzaro)	43	100	100			100	Relief of gastric cancer with an electromagnetic interaction system (TRIMprob) in outpatients (<i>Chir Ital, Dec. 2007</i>)
RECTUM							
13- Prof. Leo, dr. Vannelli A et Al.	228 442	94 94	85 84	86 92	93 88	89 90	Diagnosis of rectal cancer by electromagnetic interactions: preliminary results (<i>Dis Colon Rectum, Jan 2009</i>)

Tot. 3233

COLON

15- Dr. Marcello Tufano, dr. Dore et Al. (Univ. Sassari)	121	100	100			100	C.Vedruccio-C.Ricci, Non invasive radiofrequency diagnostics of cancer. The Bioscanner-Trimprob technology and clinical applications, <i>Journal of Physics: Conferences Series</i> 329 (2011) 012038
16- Dr. Marcello Tufano, dr. Dore et Al. (Univ. Sassari)	305	99	91	92	99	100	ACCURACY OF DIAGNOSTIC BIOSCANNER TRIMprob, NONINVASIVE METHODS IN SEARCH OF THE COLON PRE-CANCEROUS LESIONS. DOUBEL BLIND-STUDY (publication in progress)

Tot. 3659

Link to publications:

1 - Nuove possibilità diagnostiche tramite onde elettromagnetiche (*Fisica in medicina* 2004)<http://www.clarbrunovedruccio.it/doc/Fisica%20in%20Medicina%202004.pdf>2 - Non-invasive detection of prostate cancer by electromagnetic interaction (*European Urology, Jan. 2005*)<http://www.ncbi.nlm.nih.gov/pubmed/15582246>3 - Tissue-resonance interaction method for the non-invasive diagnosis of prostate cancer: analysis of a multicentre clinical evaluation (*BJU Int, Nov. 2007*)<http://www.ncbi.nlm.nih.gov/pubmed/17711511>4 - The electromagnetic detection of prostatic cancer: evaluation of diagnostic accuracy (*Urology, Aug. 2008*)<http://www.ncbi.nlm.nih.gov/pubmed/18336888>5 - TRIMprob has the potential to be used alongside the recognized tests in the screening protocols for prostate cancer (*Int J Urol, Jun. 2009*)<http://www.ncbi.nlm.nih.gov/pubmed/19456986>6 - The accuracy of tissue resonance interaction method probe (Trimprob tm) in non-invasive diagnosis of prostatic cancer. Analysis of the result of 782 patients (*Urologia* 2009)<http://www.ncbi.nlm.nih.gov/pubmed/21104675>7 - Diagnosis of bladder cancer at 465 MHz. (*Electromagn Biol Med, 2007*)<http://www.ncbi.nlm.nih.gov/pubmed/17613039>8 - Clinical application of spectral electromagnetic interaction in breast cancer: diagnostic results of a pilot study (*Tumori, 2006*)<http://www.ncbi.nlm.nih.gov/pubmed/16869237>

9 - Breast Cancer Diagnosis Possibility By Means Of Vedruccio's Non-Linear Resonance Interaction Scanner (TRIMprob) (2007)

http://www.icems.eu/docs/venice/6th_Workshop_Carrozza.pdf10 - Preoperative diagnosis of incidental carcinoma in multinodular goitre by means of electromagnetic interactions (*Chir Ital, Apr. 2007*)<http://www.ncbi.nlm.nih.gov/pubmed/17500182>11 - Ultra high frequency and microwave non-linear interaction ... (*Inter Rev Armed Forces Med Services* 2005)12 - Relief of gastric cancer with an electromagnetic interaction system (TRIMprob) in outpatients (*Chir Ital, Dec. 2007*)<http://www.ncbi.nlm.nih.gov/pubmed/18360987>13 - Diagnosis of rectal cancer by electromagnetic interactions: preliminary results (*Dis Colon Rectum, Jan 2009*)<http://www.ncbi.nlm.nih.gov/pubmed/19273973>14 - Diagnosis of rectal cancer by Tissue Resonance Interaction Method, *BMC Gastroenterology* 2010, 10:45<http://www.biomedcentral.com/1471-230X/10/45>15 - C.Vedruccio-C.Ricci, Non invasive radiofrequency diagnostics of cancer. The Bioscanner-Trimprob technology and clinical applications, *Journal of Physics: Conferences*

Series 329 (2011) 012038

<http://iopscience.iop.org/1742-6596/329/1/012038>16 - ACCURACY OF DIAGNOSTIC BIOSCANNER TRIMprob, NON INVASIVE METHODS IN SEARCH OF THE COLON PRE-CANCEROUS LESIONS. DOUBLE BLIND-STUDY <http://www.clarbrunovedruccio.it/doc/Poster%20dr%20Tufano%202012%20lesioni%20precanc%20Colon.pdf>