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**Estado Civil:** Casado

**Fecha de nacimiento:** 4-26-58

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**ESTUDIOS CURSADOS:**

**Primarios y Secundarios:** Escuela Argentina Modelo. (Buenos Aires, Argentina)

**Terciarios:** Facultad de Medicina (Universidad de Buenos Aires) (U.B.A.)

**Post-Grado:** Columbia University, (New York, USA.)

**CRONOLOGIA 1984:** Medico, Universidad de BS. AS (UBA)

**1984-85:** Hospital Municipal de San Isidro Concurrencia, Departamento de Cirugía (BS.AS., Argentina)

**1987-88:** Mount Sinai School of Medicine. Investigador Asistente, Community Medical Department (New York, U.S.A.)

**1988-89:** New York University Medical Center Investigador Asistente, Cardiopulmonary Laboratory (New York, U.S.A.) Evaluaciones, Nutricionales, Mexico, Puerto Rico

**1989-97:** PhD program, Teachers' College, Columbia University Departamento de Ciencias del Movimiento y la Educación. (New York, U.S.A.)

**1992- 93:** Evaluaciones nutricionales en (Israel) Tel-Aviv, Jerusalem, Haifa, Egipto. Estudios Teologicos en la Ciudad de Caphernaum (Israel)

**1989-98:** Investigador Asociado: Departamento de Medicina Nuclear, Unidad de Estudios de Composición Corporal.

Medico Nutricionista: Centro de Investigaciones en Nutrición Clínica. St. Luke's-Roosevelt Hospital College of Physicians and Surgeons at Columbia University.

**1998.2002** Investigador Asociado. Evaluaciones nutricionales, en Curitiba, Rio de Janeiro, Sao Paulo. Centro de investigaciones Reumatológicas New York University .

**1998.2007** Medicina del deporte y nutrición: Club de Rugby (San Carlos) 1era. División y divisiones inferiores (10 – 17 años)

**1998-2009** Medicina del deporte y nutrición: Tenis Club Argentino (BS.AS. Argentina) Medico encargado de la Escuela formativa (11 – 16 años)

**2009-2015** Departamento de Emergentología, Hospital Bernardo Houssay (Hosp Vicente López)

Miembro Fundador de la Asociación Civil No + Hambre (Argentina).

### **CONFERENCIAS Y PUBLICACIONES:**

AMERICAN SOCIETY OF CLINICAL NUTRITION.

THE SOCIETY OF NUCLEAR MEDICINE.

FASEB (FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY).

INTERNATIONAL SYMPOSIUM ON IN VIVO BODY COMPOSITION STUDIES.

AMERICAN JOURNAL OF CLINICAL NUTRITION.

AMERICAN JOURNAL OF HUMAN BIOLOGY.

MIEMBRO ACADEMICO:

Teacher's College Columbia University Preventive Medicine

Department St. Lukes Roosevelt Hospital

MIEMBRO: American College of Sport Medicine. New York Road Runners Club (NYRRC). West Side YMCA Team (New York, USA.).

## **PUBLICACIONES:**

### **AMERICAN SOCIETY OF CLINICAL NUTRITION:**

(1991-1996). Does trunk/leg fat measurements by Dual Photon Absorptiometry (DPA) correlate with waist to hip ratio (W/H)? M Russell-Aulet, J Wang, S Burastero, RN Pierson, Jr.

Validation of body fat measurements by Dual Energy X-Ray Absorptiometry (DEXA) M Russell, J Wang, S Burastero, K Buhl, J Wendel, J Thornton, S Heymsfield, RN Pierson, Jr.

Comparison of five methods to estimate body fat (F%) in exercising and sedentary males S Burastero, J Wang, M Russell, J Thornton, S Heymsfield, RN Pierson, Jr.

Anthropometric methods for estimating body fat during pregnancy: Comparison of results. A Paxton, SA Lederman, S Burastero, J Wang, RN Pierson, Jr.

The hydration of the Fat-free mass does not change in elderly women, but rather its distribution: A comparative study between younger and older women matched for weight and height M Mazariegos, SB Heymsfield, ZM Wang, S Lichtman, S Burastero, M Russell, J Wang, J Thornton, S Yasumura and RN Pierson Jr.

Triceps skinfolds (TSF) predicts body fat: measured by dual photon absorptiometry (DPA) in diverse adult populations. RN Pierson, Jr, J Wang, M Russell, S Burastero, S Heymsfield, J Thornton, W Evans.

Prediction of total body water (TBW) in pregnancy by anthropometric measurements. J Wendel, J Wang, SA Lederman, S Burastero, RN Pierson, Jr.

Multi-Frequency Bio-Impedance Analysis (MFBIA) to estimate total body water (TBW) and extracellular water (ECW) in pregnancy J Wang, S Lederman, S Burastero, M Mazariegos, KZ Ma, W-W Yu, J Thornton, E Leonard, RN Pierson, Jr.

Total body skeletal muscle mass measured directly by Computerized Axial Tomography: Results in healthy men. ZM Wang, R Baumgartner, S Burastero, RN Pierson Jr, SB Heymsfield.

**THE SOCIETY OF NUCLEAR MEDICINE (1995) Eight methods measure body fat: Which to use?** RN Pierson, Jr, JC Thornton, SB Heymsfield, M Russell, S Burastero, J Wang, FA Dilmanian.

#### **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

**(1990-2000)** Bioimpedance analysis for monitoring body fluid changes in astronauts during flight missions; a new approach. (NRA) 94-OLMSA-01 “MIR Station (U.S. Flights) Space Biology, Space Physiology and Life Sciences Technology Investigations in Space 1995-1997.

FASEB: (1991-1999) A strong correlation was found between muscle mass and resting metabolic rate in Paraplegics. AM Spungen, WA Bauman, S Burastero, J Wang, RN Pierson, Jr.

Fatness increase with age: Biological fact or measurement artefact? RN Pierson, Jr, J Wang, M Russell, J Thornton, S Heymsfield, M Mazariegos.

Multi-Frequency Bio-Impedance analysis (MFBIA) to estimate total body water (TBW) and extracellular water (ECW) in patients 1with AIDS. M Mazariegos, D Kotler, J Ma, J Wang, S Burastero, J Thornton, E Leonard, A Pilla, C Pinto, S Yasumura, RN Pierson Jr.

Blood pressure (BP), body fat (F%), waist to hip circumferences ratio (WHR), serum cholesterol (CHL) and triglycerides (TRG) in whites (W), blacks (B)

and asians (A). J Wang, M Russell, S Burastero, M Mazariegos, J Shen, J Wendel, J Thornton, S Heymsfield, RN Pierson, Jr.

Asians have lower Body Mass Index (BMI) but higher Fat% than whites: Comparison of Anthropometric Measurements (APM). J Wang, J Thornton, M Russell, S Burastero, S Heymsfield, RN Pierson Jr.

Bone Mineral, Fat Free Mass, and Types of Exercise are Correlated in Athletes. S Burastero, J Wang, M Russell, J Thornton, R De Meersman, RN Pierson Jr.

INTERNATIONAL SYMPOSIUM on IN VIVO BODY COMPOSITION STUDIES (1992). Homogeneity vs Heterogeneity in Body Composition: Where does normal begin and end? RN Pierson, Jr, J Wang, JC Thornton, SB Heymsfield, M Russell, S Burastero, M Mazariegos.

In-Vivo Neutron Activation Analysis (IVNA) for body fat: Comparison with seven methods. J Wang, FA Dilmanian, JC Thornton, M Russell, S Burastero, M Mazariegos, SB Heymsfield, and RN Pierson, Jr.

AMERICAN JOURNAL OF CLINICAL NUTRITION (1991;54:26-9). Estimation of extracellular and total body water by multiple-frequency bioelectrical-impedance measurement. K Segal, S Burastero, A Chun, P Coronel, RN Pierson, Jr, and J Wang.

AMERICAN JOURNAL OF CLINICAL NUTRITION (1992;56:963-7). Body-fat measurement in patients with Acquired Immunodeficiency Syndrome: Which method should be used? J Wang, D Kotler, M Russell, S Burastero, M Mazariegos, J Thornton, FA Dilmanian, Y Kamen, D Weber, and RN Pierson, Jr.

AMERICAN JOURNAL OF HUMAN BIOLOGY (1992;4:501-510). Body Fat by Dual Photon Absorptiometry: Comparison with Traditional Methods in Asians, Blacks, and Whites. J Wang, M Russell, M Mazariegos, S Burastero, J Thornton, S Lichtman, S Heymsfield, and RN Pierson, Jr.

## PRESENTACIONES

ASCN ANNUAL MEETING (BALTIMORE, 1992):

THE AMERICAN SOCIETY FOR CLINICAL NUTRITION.

EXPERIMENTAL BIOLOGY MEETING: NEW ORLEANS, LOUISIANA

(1993) EXPERIMENTAL BIOLOGY MEETING: ANAHEIM,  
CALIFORNIA

(1994) EXPERIMENTAL BIOLOGY MEETING: ATLANTA, GEORGIA

(1999). VI WORLD CONGRESS OF CARDIAC REHABILITATION:  
BS.AS, ARGENTINA INTERNATIONAL MEETING OF PREVENTIVE  
MEDICINE CHICAGO

2005 | PUBLICACIONES EN ESPAÑOL

Estudio de la relación tronco/piernas, mediciones de grasa por absorciometría de doble fotón (DPA) se correlacionan con la cintura a cadera (W / H)?

Russell-Aulet M, Wang J, S Burastero, RN Pierson, Jr.

Validación de las mediciones de grasa corporal por Dual Energía absorciometría de rayos X (DEXA) Russell M, Wang J, S Burastero, Buhl K, J, Wendel, Thornton J, Heymsfield S, Pierson RN, Jr.

Comparación de cinco métodos para estimar la grasa corporal (F%) en el ejercicio de varones sedentarios Burastero S, Wang J, Russell H, J Thornton, Heymsfield S, Pierson RN, Jr.

Métodos antropométricos para estimar la grasa corporal durante el embarazo: Comparación de los resultados. Un Paxton, Lederman SA, S Burastero, J Wang, RN Pierson, Jr.

La hidratación de la masa libre de no-grasa cambia en las mujeres mayores, su distribución, un estudio comparativo entre los jóvenes y las mujeres de edad acompañada de peso y talla M Mazariegos, Heymsfield SB, Wang ZM, Lichtman S, S Burastero, Russell H, Wang J, Thornton J, S Yasumura y RN Pierson Jr.

Pliegues tricípital (TSF) prevee la grasa corporal: medida por absorciometría de doble fotón (DPA) en diversas poblaciones de adultos. RN Pierson, Jr., Wang J, Russell H, S Burastero, Heymsfield S, Thornton J, W Evans.

Predicción de agua corporal total (ACT) en el embarazo por las medidas antropométricas. Wendel J, J Wang, Lederman SA, S Burastero, RN Pierson, Jr.

Multi-Frecuencia, Bio-análisis de la impedancia (MFBIA) para estimar el agua corporal total (ACT) y el agua extracelular (ECW) en el embarazo J Wang, Lederman S, S Burastero, Mazariegos M, Ma KZ, WW Yu, Thornton J, E Leonard, RN Pierson, Jr.

Masa músculo esquelética del cuerpo medida directamente por Tomografía Axial Computarizada: Resultados en hombres sanos. Wang ZM, Baumgartner R, S Burastero, Pierson RN Jr, Heymsfield SB.

LA SOCIEDAD DE MEDICINA NUCLEAR DE (1995) Ocho métodos de medición de la grasa corporal: ¿Qué usar? RN Pierson, Jr., JC Thornton, Heymsfield SB, Russell H, S Burastero, Wang J, FA Dilmanian.

FASEB: (1991-1999) Una fuerte correlación entre la masa muscular y la tasa metabólica en reposo Parapléjicos. Spungen AM, Bauman WA, S Burastero, J Wang, RN Pierson, Jr.

La adiposidad aumenta con la edad: Hecho biológico o artefacto de medición? RN Pierson, Jr., Wang J, Russell H, J Thornton, Heymsfield S, M Mazariegos.

Multi-Frecuencia Bio-análisis de la impedancia (MFBIA) para estimar el agua corporal total (ACT) y el agua extracelular (ECW) en pacientes con SIDA. Mazariegos M, Kotler D, Ma J, J Wang, S Burastero, Thornton J, Leonard E, A Pilla, Pinto C, S Yasumura, Pierson RN Jr.

La presión arterial (PA), la grasa corporal (F%), circunferencia de cintura a cadera ratio (WHR), colesterol sérico (CHL) y triglicéridos (TRG) en los blancos (W), negros (B) y asiáticos (A). Wang J, Russell H, S Burastero, Mazariegos M, Shen J, J Wendel, Thornton J, Heymsfield S, Pierson RN, Jr.

Los asiáticos tienen un menor Índice de Masa Corporal (IMC), pero mayor que los blancos % Grasa: Comparación de las mediciones antropométricas (APM). Wang J, Thornton J, Russell H, S Burastero, Heymsfield S, Pierson RN Jr.

Mineral óseo, masa libre de grasa y tipos de ejercicio son correlacionados en los deportistas. Burastero S, Wang J, Russell H, Thornton J, R De Meersman, Pierson RN Jr.

**SIMPOSIO INTERNACIONAL SOBRE COMPOSICIÓN CORPORAL EN VIVO ESTUDIOS (2005).**

Homogeneidad frente a la heterogeneidad en la composición corporal: ¿Dónde comienza y termina? RN Pierson, Jr., Wang J, Thornton JC, Heymsfield SB, Russell H, S Burastero, H Mazariegos.

Análisis en vivo por activación de neutrones (IVNA) para la grasa corporal: Comparación con siete métodos. Wang J, FA Dilmanian, JC Thornton, Russell H, S Burastero, Mazariegos M, Heymsfield SB, y RN Pierson, Jr.

**AMERICAN JOURNAL of Clinical Nutrition (1991; 54:26-9).** Estimación de agua extracelular y corporal total por múltiples frecuencias de medición de impedancia bioeléctrica. Segal K, S Burastero, A Chun, Coronel P, RN Pierson, Jr., y J. Wang.

**AMERICAN JOURNAL of Clinical Nutrition (1992; 56:963-7).** Medición de grasa corporal en pacientes con el Síndrome de Inmunodeficiencia Adquirida: ¿Qué método debería utilizarse? Wang J, Kotler D, Russell M, S Burastero, Mazariegos M, Thornton J, FA Dilmanian, Y Kamen, D Weber, y RN Pierson, Jr.

**AMERICAN JOURNAL de la biología humana (1992, 4:501-510).** La grasa corporal por absorciometría dual de fotones: Comparación con los métodos tradicionales en los asiáticos, los negros y los blancos. Wang J, Russell H, Mazariegos M, S Burastero, Thornton J, Lichtman S, Heymsfield S, y RN Pierson, Jr.

**PRESENTACIONES CONGRESO ANUAL ASCN (Baltimore, 1992):** la American Society for NUTRICION CLÍNICA. CONGRESO DE BIOLOGÍA EXPERIMENTAL: Nueva Orleans, Louisiana

**(1993) CONGRESO DE BIOLOGÍA EXPERIMENTAL:** Anaheim, California

**(1994) CONGRESIO DE BIOLOGÍA EXPERIMENTAL: ATLANTA, GEORGIA**

**(1999). VI CONGRESO MUNDIAL DE REHABILITACION CARDIACA: Bs.As, ARGENTINA | NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)**

(1990-2000). Estudios de Bioimpedancia, Análisis para el seguimiento de los cambios en el fluido corporal en astronautas durante las misiones de vuelo, Un nuevo enfoque. (ANR) 94-OLMSA-01 "LA ESTACION ESPACIAL MIR (Vuelos EE.UU.) Biología del espacio, fisiología en el Espacio, Ciencias de la Vida en el Espacio, Investigación de Tecnología

**1990- 1997. CONGRESO INTERNACIONAL DE MEDICINA PREVENTIVA CHICAGO 2005.**

### **Publicaciones del Dr.Burastero.**

[www.ajcn.org/cgi/content/abstract/54/1/26](http://www.ajcn.org/cgi/content/abstract/54/1/26) \_\_\_\_\_

ORIGINAL RESEARCH COMMUNICATIONS

Estimation of extracellular and total body water by multiple-frequency bioelectrical-impedance measurement KR Segal, S Burastero, A Chun, P Coronel, RN Pierson Jr and J Wang Division of Pediatric Cardiology, Mount Sinai School of Medicine, New York, NY 10029.

This study evaluated a new technology of bioelectrical-impedance (BI) measurement that makes use of multiple frequencies (5, 50, and 100 kHz) for estimation of extracellular and total body water.

In 36 healthy males, resistance and reactance at three frequencies were compared with extra-cellular water (ECW) and total body water (TBW) determined by isotope dilution.

ECW was best predicted by resistance measured at 5 kHz, corrected for height and weight ( $R = 0.930$ ,  $SEE = 1.94$  L) whereas TBW was best predicted by resistance at 100 kHz and weight ( $R = 0.947$ ,  $SEE = 2.64$  L). Cross-validation analysis on two randomly selected subsets ( $n = 18$  each) indicated that the prediction equations were reproducible and valid.

Thus, BI at dual frequencies is valid for determination of body-water compartments and may be useful in the nutritional assessment of patients in whom body water and hydration is of clinical concern. This article has been cited by other articles: J. S. Powers, L. Choi, R. Bitting, N. Gupta, and M. Buchowski, Citaciones . Dr.S Burastero Rapid Measurement of Total Body Water to Facilitate Clinical Decision Making in Hospitalized Elderly Patients J Gerontol A Biol Sci Med Sci, February 19, 2009; (2009) glp018v1.

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D. Franchimont, S. Roland, T.Gustot, E. Quertinmont, Y. Toubouti, M.-C. Gervy, J. Deviere, and A. Van Gossum Citaciones . Dr.S Burastero Impact of Infliximab on Serum Leptin Levels in Patients with Crohn's Disease J. Clin. Endocrinol. Metab., June 1, 2005; 90(6): 3510 - 3516. [Abstract] [Full Text] [PDF]

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A. Dioum, A. Gartner, A. S Cisse, F. Delpuech, B. Maire, S. Wade, and Y. Schutz. Citaciones . Dr.S Burastero Validity of impedance-based equations for the prediction of total body water as measured by deuterium dilution in African women Am. J. Clinical Nutrition, March 1, 2005; 81(3): 597 - 604. [Abstract] [Full Text] [PDF]

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C. Mika, B. Herpertz-Dahlmann, M. Heer, and K. Holtkamp Citaciones . Dr.S Burastero Improvement of Nutritional Status as Assessed by Multifrequency BIA During 15 Weeks of Refeeding in Adolescent Girls with Anorexia Nervosa J. Nutr., November 1, 2004; 134(11): 3026 - 3030. [Abstract] [Full Text] [PDF]

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J. C Desport, P. M Preux, C. Bouteloup-Demange, P. Clavelou, B. Beaufriere, C. Bonnet, and P. P Couratier. Citaciones . Dr.S Burastero Validation of bioelectrical impedance analysis in patients with amyotrophic lateral sclerosis Am. J. Clinical Nutrition, May 1, 2003; 77(5): 1179 - 1185. [Abstract] [Full Text] [PDF]

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F. Slinde and L. Rossander-Hulthen itaciones . Dr.S Burastero Bioelectrical impedance: effect of 3 identical meals on diurnal impedance variation and calculation of body composition Am. J. Clinical Nutrition, October 1, 2001; 74(4): 474 - 478. [Abstract] [Full Text] [PDF]

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J. C Desport, P. M Preux, L. Magy, Y. Boirie, J. M Vallat, and B. Beaufriere Citaciones . Dr.S Burastero Factors correlated with hypermetabolism in patients with amyotrophic lateral sclerosis Am. J. Clinical Nutrition, September 1, 2001; 74(3): 328 - 334. [Abstract] [Full Text]

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P. Ritz Citaciones . Dr.S Burastero Bioelectrical Impedance Analysis Estimation of Water Compartments in Elderly Diseased Patients: The Source Study J. Gerontol. A Biol. Sci. Med. Sci., June 1, 2001; 56(6): M344 - M348. [Abstract] [Full Text] [PDF]

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C. Basile, R. Giordano, L. Vernaglione, A. Montanaro, P. De Maio, F. De Padova, A. L. Marangi, L. D. Marco, D. Santese, A. Semeraro, et al . Citaciones . Dr.S Burastero Efficacy and safety of haemodialysis treatment with the Hemocontrol<sup>TM</sup> biofeedback system: a prospective medium-term study Nephrol. Dial. Transplant., February 1, 2001; 16(2): 328 - 334. [Abstract] [Full Text] [PDF]

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Y. Cai, S. Holm, M. Jenstrup, M. Stromstad, A. Eigtved, J. Warberg, L. Hojgaard, L. Friberg, and N. H. Secher Citaciones . Dr.S Burastero Electrical admittance for filling of the heart during lower body negative pressure in humans J Appl Physiol, October 1, 2000; 89(4): 1569 - 1576. [Abstract] [Full Text] [PDF]

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H. Valensise, A. Andreoli, S.Lello, F. Magnani, C. Romanini, and A. De Lorenzo Citaciones . Dr.S Burastero Multifrequency bioelectrical impedance analysis in women with a normal and hypertensive pregnancy Am. J. Clinical Nutrition, September 1, 2000; 72(3): 780 - 783. [Abstract] [Full Text] [PDF]

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K. J. Ellis Citaciones . Dr.S Burastero Human Body Composition: In Vivo Methods Physiol Rev, April 1, 2000; 80(2): 649 - 680. [Abstract] [Full Text] [PDF]

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C. P. Earthman, J. R. Matthie, P. M. Reid, I. T. Harper, E. Ravussin, and W. H. Howell Citaciones . Dr.S Burastero A comparison of bioimpedance methods for detection of body cell mass change in HIV infection Citaciones . Dr.S Burastero J Appl Physiol, March 1, 2000; 88(3): 944 - 956. [Abstract] [Full Text] [PDF]

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Discontinuation of GrowthHormone (GH) Treatment: Metabolic Effects in GH-Deficient and GH-Sufficient Adolescent Patients Compared with Control Subjects Citaciones . Dr.S Burastero J. Clin. Endocrinol. Metab., December 1, 1999; 84(12): 4516 - 4524. [Abstract] [Full Text]

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R. Gudivaka, D. A. Schoeller, R. F. Kushner, and M. J. G. Bolt Citaciones . Dr.S Burastero Single- and multifrequency models for bioelectrical impedance analysis of body water compartments J Appl Physiol, September 1, 1999; 87(3): 1087 - 1096. [Abstract] [Full Text] [PDF]

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Y. B. Sverrisdóttir, M. Elam, H. Herlitz, B.-A. Bengtsson, and G. Johannsson Citaciones . Dr.S Burastero Intense Sympathetic Nerve Activity in Adults with Hypopituitarism and Untreated Growth Hormone Deficiency J. Clin. Endocrinol. Metab., June 1, 1998; 83(6): 1881 - 1885. [Abstract] [Full Text]

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J. Matthie, B. Zarowitz, A. De Lorenzo, A. Andreoli, K. Katzarski, G. Pan, and P. Withers Citaciones . Dr.S Burastero Analytic assessment of the various bioimpedance methods used to estimate body water J Appl Physiol, May 1, 1998; 84(5): 1801 - 1816. [Abstract] [Full Text] [PDF]

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Y. J. H. Janssen, P. Deurenberg, and F. Roelfsema Citaciones . Dr.S Burastero Using Dilution Techniques and Multifrequency Bioelectrical Impedance to Assess Both Total Body Water and Extracellular Water at Baseline and During Recombinant Human Growth Hormone (GH) Treatment in GH-Deficient Adults J. Clin. Endocrinol. Metab., October 1, 1997; 82(10): 3349 - 3355. [Abstract] [Full Text] [PDF]

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A. De Lorenzo, A. Andreoli, J. Matthie, and P. Withers predicting body cell mass with bioimpedance by using theoretical methods: a technological review Citaciones . Dr.S Burastero J Appl Physiol, May 1, 1997; 82(5): 1542 - 1558. [Abstract] [Full Text] [PDF]

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S. F. Siconolfi, R. J. Gretebeck, W. W. Wong, R. A. Pietrzyk, and S. S. Suire Citaciones . Dr.S Burastero Assessing total body and extracellular water from bioelectrical response spectroscopy J Appl Physiol, February 1, 1997; 82(2): 704 - 710. [Abstract] [Full Text] [PDF]

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D. Bracco, D. Thiebaud, R.L. Chiolero, M. Landry, P. Burckhardt, and Y. Schutz Citaciones . Dr.S Burastero Segmental body composition assessed by bioelectrical impedance

analysis and DEXA in humans J Appl Physiol, December 1, 1996; 81(6): 2580  
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Matmews Citaciones . Dr.S Burastero Body Composition: Research and  
Clinical Advances--1993 A.S.P.E.N. Research Workshop JPEN J Parenter  
Enteral Nutr, March 1, 1994; 18(2): 91 - 103. [Abstract] [PDF]