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## Employment

**School of Medicine and Health Sciences**  
Universidad del Rosario  
Colombia  
Jan 14 2019 → present

**Clinical Research Research Group**  
Universidad del Rosario  
Colombia  
Jan 1 2016 → present

## Research output

**Surgical mortality in patients in extremis: futility in emergency abdominal surgery**  
Ramírez-Giraldo, C., Isaza-Restrepo, A., García-Peralta, J. C., González-Tamayo, J. & Ibáñez-Pinilla, M., Dec 2023, In: BMC Surgery. 23, 1, 21.

Antibiotic prophylaxis in flexible ureterorenoscopy with negative urine culture  
Méndez-Guerrero, D. M., Buitrago-Carrascal, C., Puentes-Bernal, A. F., Cruz-Arévalo, D. A., Camacho-Nieto, D., Calderón, M. A., Álvarez-Restrepo, J. C., Brijaldo-Carvajal, M. A., Perdomo-Bernal, N., Moreno-Matson, M. C., Ibáñez-Pinilla, M. & Daza-Vergara, J., Nov 2023, In: BJUI compass. 4, 6, p. 688-694 7 p.

**Negative log-binomial model with optimal robust variance to estimate the prevalence ratio, in cross-sectional population studies**  
Ibáñez-Pinilla, M., Villalba-Niño, S. & Olaya-Galán, N. N., Oct 4 2023, In: BMC Medical Research Methodology. 23, 219.

**Laparoscopic cholecystectomy in super elderly (> 90 years of age): safety and outcomes**  
Ramírez-Giraldo, C., Rosas-Morales, C., Vásquez, F., Isaza-Restrepo, A., Ibáñez-Pinilla, M., Vargas-Rubiano, S. & Vargas-Barato, F., Aug 2023, In: Surgical Endoscopy. 37, 8, p. 5989-5998 10 p.

**Survival Outcomes of Hepatectomy in Gastric Cancer Liver Metastasis: A Systematic Review and Meta-Analysis**  
Conde Monroy, D., Ibáñez-Pinilla, M., Sabogal, J. C., Rey Chaves, C., Isaza-Restrepo, A., Girón, F., Vanegas, M., Ibáñez-Villalba, R., Mirow, L. & Siepmann, T., Jan 2023, In: Journal of Clinical Medicine. 12, 2, 704.

**Telomere length and chromosomal fragility increase in car painters exposed to organic solvents: Aumento de la longitud telomérica y fragilidad cromosómica en pintores de carros expuestos a solventes**  
Monsalve-Lancheros, A. M., González-Rincón, N. C., Ibáñez-Pinilla, M. & Ramírez-Clavijo, S., Nov 2022, In: Journal of King Saud University - Science. 34, 8, p. 1-7 7 p., 102359.

**SARS-CoV-2 infection in workers of health: epidemiological risk analysis in a highly complex institution Bogota, Colombia, 2020**  
Ibáñez-Pinilla, M., Murcia Soriano, L. F., Briceno, L., Trillos Pena, C. E., Daza, J., Ballesteros Ordoñez, I. A., Sánchez Cuervo, J. & Rodríguez-Leguizamón, G., Aug 21 2022, In: Infectious Diseases. 26, 4

**Derivation and validation of the ABCDMed clinical score to estimate the probability of extubation failure in intensive care units**  
Rodríguez Lima, D. R., Navarrete Aldana, N., Roncallo Valencia, V. E., Rubio Ramos, C., Ibáñez Pinilla, M., Torres Suárez, Y. & Pinilla Rojas, D. I., 2022, In: Netherlands Journal of Critical Care. 30, 2, p. 58-66 9 p.

**Risk factor for breast cancer development under exposure to bovine leukemia virus in Colombian women: A case-control study**

Olaya-Galan, N. N., Salas-Cárdenas, S. P., Rodriguez-Sarmiento, J. L., Ibáñez-Pinilla, M., Monroy, R., Corredor-Figueroa, A. P., Rubiano, W., De la Peña, J., Shen, H. M., Buehring, G. C., Patarroyo, M. A. & Gutierrez, M. F., Sep 2021, In: PLOS ONE. 16, 9 September, e0257492.

**Detection of nutritional risk and hospital stay in the hospitalized elderly adult: Detección del riesgo nutricional y estancia hospitalaria en el anciano hospitalizado**

Pinzón-Espitia, O. L., Pardo-Oviedo, J. M. & Ibáñez-Pinilla, M., Jun 10 2021, In: Nutricion Hospitalaria. 38, 3, p. 464-469 6 p.

**Quick Sequential Organ Failure Assessment, Sequential Organ Failure Assessment, and Procalcitonin for Early Diagnosis and Prediction of Death in Elderly Patients with Suspicion of Sepsis in the Emergency Department, Based on Sepsis-3 Definition**

Devia Jaramillo, G. & Ibáñez Pinilla, M., May 5 2021, In: Gerontology. 68, 2, p. 171–180 10 p.

**Co-circulation of bovine leukemia virus haplotypes among humans, animals, and food products: New insights of its zoonotic potential**

Corredor-Figueroa, A. P., Olaya-Galán, N. N., Velandia-álvarez, S., Muñoz, M., Salas-Cárdenas, S. P., Ibáñez-Pinilla, M., Patarroyo, M. A. & Gutiérrez, M. F., May 1 2021, In: International Journal of Environmental Research and Public Health. 18, 9, 4883.

**Surgical Rescue in a High-volume Urban Emergency General Surgery Service at a Middle-income Country**

Jimenez, M. F., Isaza-Restrepo, A., Conde, D., Arroyo, A., Ibáñez-Pinilla, M., Borda, F., Colmenares, D. & Puyana, J. C., Apr 2021, In: Panamerican Journal of Trauma, Critical Care & Emergency Surgery. 10, 1, p. 16-19 4 p.

**Prevalence of skin diseases in children 1 to 6 years old in the city of Bogota, Colombia**

García, E., Halpert, E., Borrero, E., Ibáñez, M., Chaparro, P., Molina, J. & Torres, M., Dec 2020, In: World Allergy Organization Journal. 13, 12, 100484.

**Risk of vasectomy failure by ligation and excision with fascial interposition: A prospective descriptive study**

Miranda Claro, S. J., Vargas Laverde, J., Mariño Samper, E., Ibáñez Pinilla, M., Torres Quiroz, D. S. & Labrecque, M., May 1 2020, In: Contraception. 101, 5, p. 342-349 7 p.

**Elevated levels of D-dimer tested by immunoturbidimetry are associated with the extent of severity of pre-eclampsia**

Rodríguez-Peña, Y. & Ibáñez-Pinilla, M., Apr 13 2020, In: International Journal of Gynecology and Obstetrics. 150, 2, p. 241-247 6 p.

**Biomarkers of susceptibility and effect in car painters exposed to organic solvents**

Varona-Uribe, M., Ibáñez-Pinilla, M., Briceno-Ayala, L., Herrera, D., Chuaire-Noack, L., Martínez-Agüero, M., Corredor, M. C. S., Palma-Parra, R., Narvaez, D. & de Restrepo, H. G., Mar 31 2020, In: Colombia Medica. 51, 1, p. 1-12 12 p., e3646.

**Prevalence of pneumoconiosis and spirometric findings in underground mining workers in Cundinamarca, Colombia**

Romero, M. C., Varona, M., Briceno Ayala, L. & Ibáñez-Pinilla, M., Oct 1 2019, In: Revista de la Facultad de Medicina. 67, 4

**Detection of mammaglobulin by RT-PCR as a biomarker for lymph node metastasis in breast cancer patients: A systematic review and meta-analysis**

Monsalve-Lancheros, A., Ibáñez-Pinilla, M. & Ramírez-Clavijo, S., May 23 2019, In: PLOS ONE. 14, 5, p. 1-16 16 p., e0216989.

**Evaluation of the exposure to coal dust and prevalence of pneumoconiosis in underground mining in three Colombian departments**

Varona, M., Ibáñez-Pinilla, M., Briceño, L., Groot, H., Narváez, D., Palma, M., Herrera, D., Morgan, G. & Torres, C., Dec 1 2018, In: Biomedica : revista del Instituto Nacional de Salud. 38, 4, p. 467-478 12 p.

**Prevalence of papular urticaria caused by flea bites and associated factors in children 1-6 years of age in Bogotá, D.C.**  
Halpert, E., Borrero, E., Ibañez-Pinilla, M., Chaparro, P., Molina, J., Torres, M. & García, E., Nov 7 2017, In: World Allergy Organization Journal. 10, 1, 36.

**Factores de riesgo asociados a asfixia perinatal en el Hospital Universitario Méderi, 2010-2011**  
Del Riesgo Prendes, L., Rincón Socha, P. I., Ibanez Pinilla, M. & Rodríguez Torres, V., Oct 5 2017, In: Revista Ciencias de la Salud. 15, 3, p. 345-356 12 p., 15 (3).

**Low values of central venous oxygen saturation ( $\text{ScvO}_2$ ) during surgery and anastomotic leak of abdominal trauma patients**

Isaza-Restrepo, A., Moreno-Mejia, J. F., Martin-Saavedra, J. S. & Ibañez-Pinilla, M., Jun 19 2017, In: World Journal of Emergency Surgery. 12, 1, 28.

**Institutionalized physical activity curriculum benefits of medical students in Colombia**

Ibanez Pinilla, M., Alvarado, R., Lobelo, F., Tovar, G. & Lopez, G., Apr 11 2017, In: Education for Health. 29, 3, p. 203 - 209 6 p.

**Quantification of cell-free DNA for evaluating genotoxic damage from occupational exposure to car paints**

Villalba-Campos, M., Ramírez-Clavijo, S. R., Sánchez-Corredor, M. C., Rondón-Lagos, M., Ibáñez-Pinilla, M., Palma, R. M., Varona-Uribe, M. E. & Chuaire-Noack, L., Jul 15 2016, In: Journal of Occupational Medicine and Toxicology. 11, 1, 33.

**Cambios en resonancia magnética funcional en estudiantes de medicina con y sin restricción moderada de sueño**

Bermúdez, S., Hernández, J. T., Pérez-Olmos, I., Morillo, A. J., Bernal, B., Santiago, G., Torres, S., Ocampo, A., Ibáñez, M., Rascovsky, S., Sanz, A., Reyes, P. & Velasco, S., Jan 1 2016, In: Revista Argentina de Radiología. 80, 1, p. 16 - 26 10 p.

**Serotonin transporter gene (5-HTT) polymorphism and major depressive disorder in patients in bogotá, Colombia**

Pérez-Olmos, I., Bustamante, D. & Ibáñez-Pinilla, M., Jan 1 2016, In: Biomedica. 36, 2, p. 285-294 10 p.

**New echinocandin susceptibility patterns for nosocomial *Candida albicans* in Bogotá, Colombia, in ten tertiary care centres: An observational study**

Rodríguez-Leguizamón, G., Fiori, A., Lagrou, K., Gaona, M. A., Ibáñez, M., Patarroyo, M. A., Van Dijck, P. & Gómez-López, A., Dec 12 2015, In: BMC Infectious Diseases. 15, 1, 108.

**Episodic therapy for recurrent genital herpes in non-immunocompromized adults**

Cañón, M., Manrique, M., Ibáñez, M., Caicedo, L. & Grillo-Ardila, C. F., Jun 2 2015, In: Cochrane Database of Systematic Reviews. 2015, 6, CD011726.

**Underground coal mining: Relationship between coal dust levels and pneumoconiosis, in two regions of Colombia, 2014**

Torres Rey, C. H., Ibáñez Pinilla, M., Briceño Ayala, L., Checa Guerrero, D. M., Morgan Torres, G., Groot De Restrepo, H. & Varona Uribe, M., 2015, In: BioMed Research International. 2015, 647878.

**The use of metered-dose inhalers in hospital environments**

Vargas, O., Martinez, J., Ibanez, M., Pena, C. & Santamaría, M., Oct 1 2013, In: Journal of Aerosol Medicine and Pulmonary Drug Delivery. 26, 5, p. 287-296 10 p.

**Molecular epidemiology and characterization of virulence genes of community-acquired and hospital-acquired methicillin-resistant *staphylococcus aureus* isolates in Colombia**

Portillo, B. C., Moreno, J. E., Yomayusa, N., Álvarez, C. A., Cardozo, B. E. C., Pérez, J. A. E., Díaz, P. L., Ibáñez, M., Mendez-Alvarez, S., Leal, A. L. & Gómez, N. V., Sep 1 2013, In: International Journal of Infectious Diseases. 17, 9, p. e744-e749 6 p.

**Follow-Up of Child War-Related Post-Traumatic Stress Disorder and Other Psychiatric Disorders in Two Exposed Towns in Cundinamarca, Colombia**

Ibanez Pinilla, M., Perez Olmos, I. R., Jaimes Peñaranda, L. A. & Arboleda-Flórez, J., Jul 23 2012, In: Mind & Brain, el Journal of Psychiatry. 3, 1, p. 5-13 9 p.

**Validity and Reliability of the Columbia Health Screen (CHS),Instrument of the Youth Mental Health and Suicide Screening program of Rosario University, Bogota, a Subsidiary of the Columbia University TeenScreen Program**  
Ibanez Pinilla, M., Perez Olmos, I. R. & Gómez Carrillo, V. J., 2012, In: Mind & Brain, el Journal of Psychiatry. 2, p. 1-7 7 p.

**Aptitud física en mujeres adultas mayores vinculadas a un programa de envejecimiento activo**

Correa-Bautista, JE., Gámez Martínez, E. R., Ibañez-Pinilla, M. & Rodriguez Daza, K. D., Nov 26 2011, In: Revista de la Universidad Industrial de Santander Salud. 43, 3, p. 263 - 270 7 p.

**Behavioral changes, used and benefits of a community program for the promotion in physical activity.**

Daza, K. D. R., Correa, J. E. C., M.I., P., D.V.G., S., Amaya, G. A. O., Fonseca, D. R. P. & Manrique, K. V., 2011, In: Revista Ciencias de la Salud. 9, 1, p. 43-56 14 p.

**Cambios de comportamiento, uso y beneficios de un programa comunitario para la promoción de la actividad física**

Daza, K. D. R., Bautista, J. E. C., Pinilla, M. I., Sabogal, D. V. G., Amaya, G. A. O., Fonseca, D. P. R. & Manrique, K. V., 2011, In: Revista Ciencias de la Salud. 9, 1, p. 43-56 14 p.

**Actividad de la β-galactosidasa como marcador de senescencia en cultivos primarios del epitelio superficial del ovario**

Chuaire-Noack, L., Rondón-Lagos, S., Sánchez-Corredor, M., Ibáñez-Pinilla, M. & Ramírez-Clavijo, S., Sep 2010, In: Investigacion Clinica. 51, 3, p. 351-367 17 p.

**Cytogenetic aberrations in primary cell cultures of the ovarian surface epithelium**

Chuaire-Noack, L., Rondón-Lagos, S., Ramírez-Corredor, A., Ibáñez-Pinilla, M. & Ramírez-Clavijo, S., 2010, In: Investigacion Clinica. 51, 4, p. 541-551 11 p.

**Cytogenetic aberrations in primary cell cultures of the ovarian surface epithelium | Aberraciones citogenéticas en cultivos primarios del epitelio superficial del ovario**

Chuaire-Noack, L., Rondón-Lagos, S., Ramírez-Corredor, A., Ibáñez-Pinilla, M. & Ramírez-Clavijo, S., 2010, In: Investigacion Clinica. 51, 4, p. 541-551 11 p.

**Variación del estado de portador de *Staphylococcus aureus* en una población de estudiantes de medicina**

Gaona Cifuentes, M. A., Ríos Chaparro, D. I., Peña Serrato, M. C., Pineda Peña, A. C., Ibáñez Pinilla, M. & Ramírez Gutiérrez, G., Apr 1 2009, In: Revista Ciencias de la Salud. 7, 1, p. 37-46

**Sobrepeso, inactividad física y baja condición física en un colegio de Bogotá, Colombia**

Ibanez Pinilla, M., Tovar, G., Gutiérrez Poveda, J. & Lobelo, F., Sep 2008, In: Archivos Latinoamericanos de Nutricion. 58 , 3, p. 265-273 14 p.

**Comportamiento epidemiológico de la sepsis nosocomial en la Unidad de Recién Nacidos de la Fundación Cardioinfantil**  
Eraso, J., Troncoso, G., Álvarez, M. & Ibáñez, M., 2008, In: Revista ciencias de la salud. 6, 1, p. 36-49 14 p.

**Immunogenicity of Hepavax-Gene recombinant hepatitis B vaccine in INML workers, Colombia**

Siachoque, H. & Ibáñez, M., Oct 1 2007, In: Colombia Medica. p. 375-381 7 p.

**Efecto del estrés ocasionado por las pruebas académicas sobre los niveles de cortisol y prolactina en un grupo de estudiantes de Medicina**

Ibanez Pinilla, M., Siachoque Montanez, H. O., Moreno Benavides, C., Barbosa, E. & Salamanca Matta, A. L., Jun 2006, In: Revista Ciencias de la Salud. 4, 1, p. 18-30 13 p.

**Legionellosis with a splenic granulomatous reaction**

Ibáñez, M. A., Omar, M., Mediavilla, J. D. & Jiménez-Alonso, J., Mar 20 1993, In: Medicina Clinica. p. 438 1 p.

## **Projects**

### **Biomarkers of susceptibility and effect in car painters exposed to organic solvents**

Varona, M. E., Briceno Ayala, L., Ibanez Pinilla, M., Sanchez Corredor, M. C., Martinez Aguero, M. M., Palma-Parra, R. M. & Groot-Restrepo, H.

1/15/16 → 12/20/19

### **Evaluation of exposure to coal and silica dust in subway mining in three Colombian departments**

Varona, M. E., Briceno Ayala, L., Groot-Restrepo, H., Palma-Parra, R. M., Herrera, D. & Ibanez Pinilla, M.

1/15/14 → 12/20/19

### **Occupational exposure to organic solvents in car painters in the city of Bogota. Exposure biomarkers, genetic susceptibility effect. Cohort study**

Sanchez Corredor, M. C., Varona, M. E., Briceno Ayala, L., Martinez Aguero, M. M., Ibanez Pinilla, M. & Groot-Restrepo, H.

### **Prevalence of Type 2 Diabetes Mellitus and Metabolic Syndrome in adult subjects, associated factors and vulnerabilities of the adult diabetic population, in the City of Bogotá, Colombia 2022-2023.**

Latorre Santos, C., Trillos Pena, C. E. & Ibanez Pinilla, M.

1/25/22 → 1/25/23

### **Risk factors associated with perinatal asphyxia in neonates at the Hospital Universitario Mayor Mederi in Bogotá.**

Del Riesgo Prendes, L., Rincón Socha, P. I., Rodríguez Torres, V. & Ibanez Pinilla, M.

11/1/11 → 11/1/12

### **Use of metered dose inhalers in the hospital setting**

Vargas Pinilla, O. C., Martinez Santa, J., Peña-Córdoba, C., Ibanez Pinilla, M. & Santamaria, M.

4/1/10 → 6/30/11