

help us identify patients at high risk for occult diabetes who need an OGTT. The incorporation of a new diagnosis of diabetes will help to improve the residual risk mentioned by Jover et al.¹ by optimizing secondary prevention in these patients.

José M. Vegas-Valle,^{a,*} José M. García-Ruiz,^{b,c}
Ernesto Hernández-Martín,^a and Jesús M. de la Hera^c

^aServicio de Cardiología, Hospital de Cabueñes, Gijón, Asturias, Spain
^bFundación Centro Nacional de Investigaciones Cardiovasculares Carlos III, CNIC, Madrid, Spain

^cServicio de Cardiología, Hospital Universitario Central de Asturias, Oviedo, Asturias, Spain

* Corresponding author:
E-mail address: josemivv@secardiologia.es (J.M. Vegas-Valle).

Available online 1 October 2011

REFERENCES

1. Jover A, Corbella E, Muñoz A, Millán J, Pintó X, Mangas A, et al. Prevalencia del síndrome metabólico y de sus componentes en pacientes con síndrome coronario agudo. Rev Esp Cardiol. 2011;64:579-86.
2. Després JP, Lemieux I. Abdominal obesity and metabolic syndrome. Nature. 2006;444:881-7.
3. Bansilal S, Farkouh ME, Fuster V. Role of insulin resistance and hyperglycemia in the development of atherosclerosis. Am J Cardiol. 2007;99:6B-14B.
4. De la Hera JM, Delgado E, Hernández E, García-Ruiz JM, Vegas JM, Avanzas P, et al. Prevalence and outcome of newly detected diabetes in patients who undergo percutaneous coronary intervention. Eur Heart J. 2009;30:2614-21.
5. De la Hera JM, Vegas JM, Hernández E, Lozano I, García-Ruiz JM, Fernández-Cimadevilla OC, et al. Rendimiento de la glucohemoglobina y un modelo de riesgo para la detección de diabetes desconocida en pacientes coronarios. Rev Esp Cardiol. 2011;64:759-65.

SEE RELATED ARTICLE:

DOI: [10.1016/j.rec.2011.03.009](https://doi.org/10.1016/j.rec.2011.03.009)

doi: [10.1016/j.rec.2011.07.005](https://doi.org/10.1016/j.rec.2011.07.005)

An Opportunity to Know About Resistant Hypertension in our Area

Una oportunidad para conocer la hipertensión arterial refractaria en nuestro medio

To the Editor,

We read with interest the article by Llisterri et al.¹ regarding blood pressure control in our primary care setting in hypertensive women older than 65 years. The authors report that there is room for improvement in this regard despite the extensive use of combined therapy (3 or more drugs in 21.7% of the sample) and cite several reasons for the differences observed, including poor metabolic control and abdominal obesity. It is noteworthy that the presence of metabolic syndrome was not associated with poor blood pressure control, despite the great difference in the prevalence of this factor between the groups studied.

Our interest arises from a previous registry (HIPERFRE) on resistant hypertension including 1724 patients and carried out by general practitioners in an area of northwest Galicia.² Although the study included both sexes (58.4% were women), the analysis of the population of women older than 65 shows entirely reproducible data. The degree of blood pressure control was higher in this cohort (40.8%) than in Llisterri's study, and 13.5% of patients had resistant hypertension. Our attention is focused on this finding because, as is known from related guidelines,³ the exact prevalence of this condition is unknown. Resistant hypertension is defined as poor blood pressure control in patients treated with at least 3 drugs, one of which is a diuretic.

Studies such as Llisterri's¹ and the recent CARDIOTENS 2009⁴ provide a good opportunity to have access to data on this relatively frequent condition. Although this information was not reported in either study, the percentage of patients with resistant hypertension (ie, the percentage of those receiving 3 or more antihypertensive drugs and experiencing poor blood pressure control) was surely less than 12.5% in MERICAP. It would be of

interest to have an approximate estimate and to know whether resistant hypertension was associated with obesity, diabetes mellitus, and metabolic syndrome, as was seen in HIPERFRE.

Rafael Vidal-Pérez,^{a,*} Fernando Otero-Raviña,^b
Ricardo Besada Gesto,^c and José Ramón González-Juanatey^a

^aServicio de Cardiología, Hospital Clínico Universitario de Santiago, Santiago de Compostela, A Coruña, Spain

^bSección de Coordinación Asistencial, SERGAS, Santiago de Compostela, A Coruña, Spain

^cCentro de Salud de Rianxo, A Coruña, Spain

* Corresponding author:

E-mail address: ravavidal@hotmail.com (R. Vidal-Pérez).

Available online 22 October 2011

REFERENCES

1. Llisterri JL, Barrios V, De la Sierra A, Bertomeu V, Escobar C, González Segura D. Control de la presión arterial en las mujeres hipertensas de 65 o más años de edad asistidas en atención primaria. Estudio MERICAP. Rev Esp Cardiol. 2011;64:654-60.
2. Otero FR, Grigorian LS, Lado ML, Lado AL, Turrado VT, Santos JA, et al. Asociación entre hipertensión refractaria y riesgo cardiometabólico. Estudio HIPERFRE. Nefrología. 2008;28:425-32.
3. Calhoun DA, Jones D, Textor S, Goff DC, Murphy TP, Toto RD, et al. Resistant hypertension: diagnosis, evaluation, and treatment. A scientific statement from the American Heart Association Professional Education Committee of the Council for High Blood Pressure Research. Circulation. 2008;117:510-26.
4. Cordero A, Bertomeu-Martínez V, Mazón P, Fáncila L, Bertomeu-González V, Cosín J, et al. Factores asociados a la falta de control de la hipertensión arterial en pacientes con y sin enfermedad cardiovascular. Rev Esp Cardiol. 2011;64: 587-93.

SEE RELATED ARTICLE:

DOI: [10.1016/j.rec.2011.05.005](https://doi.org/10.1016/j.rec.2011.05.005)

doi: [10.1016/j.rec.2011.08.010](https://doi.org/10.1016/j.rec.2011.08.010)