

REVISTA ESPAÑOLA DE CARDIOLOGÍA 2006. Activity, Dissemination, and Scientific Impact

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INTRODUCTION

For several years, we have been summarizing the highlights of the activity and dissemination of REVISTA ESPAÑOLA DE CARDIOLOGÍA in this now classic "Editor's Page" of the month of December.¹⁻⁴ We also discuss certain bibliometric aspects of interest and comment on innovations and proposals related to editorial policy. The idea is to share with our readers, authors and reviewers the work that we have been carrying out in the journal throughout the year with our readers, authors and reviewers. The contents that we present here were analyzed in greater depth at the annual meeting of the Editorial Committee of REVISTA ESPAÑOLA DE CARDIOLOGÍA, during the Congress of Cardiovascular Diseases held last October in Málaga. At that congress, the most important data were also reported to the Plenary Session of the Board of Directors and to the General Assembly of the Spanish Society of Cardiology (SEC).

SCIENTIFIC IMPACT

This past year, we obtained a notable impact factor (1.769) and, thus, have maintained last year's marked increase in this popular bibliometric indicator^{5,6} (Figure 1). REVISTA ESPAÑOLA DE CARDIOLOGÍA continues to be a referent as the Spanish-language medical journal with the highest impact factor, a circumstance that consolidates our leadership with respect to other medical journals published in Spanish in terms of this well-known indicator. Thus, this year, we are ranked 31st in the exclusive club of the 71 cardiovascular journals assessed and indexed by the Institute for Scientific Information (ISI). (In 2001, we were ranked 50th among 65 journals.) Throughout in 2005, REVISTA ESPAÑOLA DE CARDIOLOGÍA received a total of 368 citations referring to recent articles (2003 and 2004). The trend in the number of external citations is highly favorable:

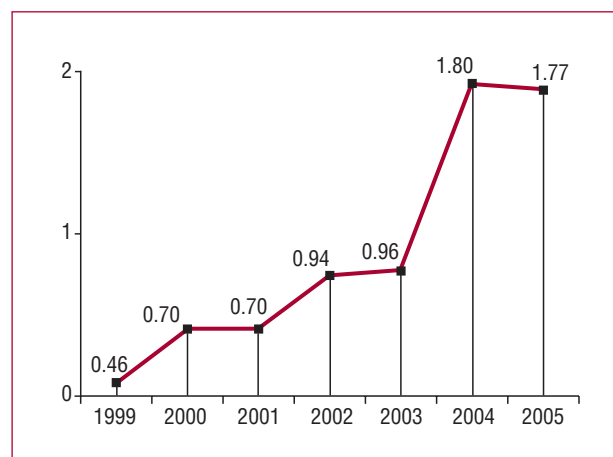


Figure 1. Time trend in the impact factor of REVISTA ESPAÑOLA DE CARDIOLOGÍA.

whereas, in 2000, 24% of the impact factor was due to external citations, at the present currently, these citations represent 37% of our impact factor. Although the number of recent citations received from other journals is gradually increasing, this year, we have received fewer self-citations (citations from the journal itself). For this reason, we wish to stress –once again– the importance of citing articles recently published in REVISTA ESPAÑOLA DE CARDIOLOGÍA in future research articles, whether printed in our journal or in other international publications, provided that it is considered appropriate and of clear scientific interest. In this way, not only do we collaborate –collectively– to promote the dissemination of the best studies in cardiovascular research performed in Spain, but we will also maintain our excellent bibliometric ranking, a circumstance that will allow us to aspire to attracting more and better scientific reports to our pages.⁴⁻⁶

In 2005, a total of 993 citations (of previous articles from any year) were received by our journal in 2005, a number similar to that of the preceding year, a fact that confirms the general interest awakened by the contents of the publication. The immediacy index, that is, the citations received during the year 2005 referring to articles published that same year, was 0.63, ranking our journal

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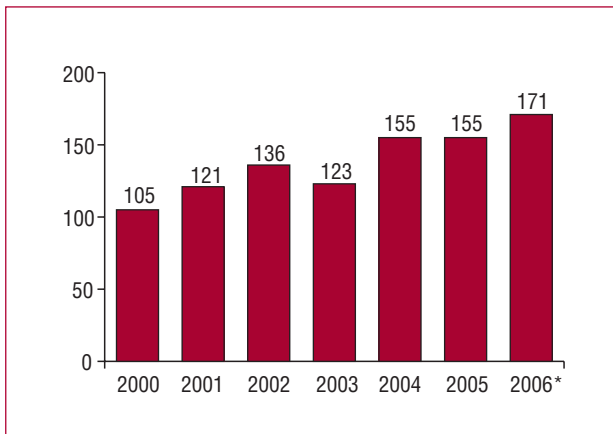


Figure 2. Time trend in the number of original articles received.
*Data for 2006 include the estimate for the last three months of the year.

in a highly interesting 11th place among the 71 cardiovascular journals evaluated by the ISI.⁵

ARTICLES RECEIVED

The number of original manuscripts submitted increased in 2006, a circumstance that, once again, confirms the appeal of our journal to researchers in the cardiovascular

field (Figure 2). Owing to an editorial change with respect to brief reports, which we will comment on below, we have received fewer articles of this type, as well as fewer images in cardiology (we publish only 12 images each year), while the number of letters to the editor has doubled. We have also received a considerable number of manuscripts from other countries (50 articles), especially from Latin America (mainly from Mexico, Argentina, and Ecuador).

EVALUATION, DECISION, PUBLICATION

In our editorial office, we have assessed a total of 429 first reviews carried out directly by members of the Editorial Board or our collaborators. In addition, we have reviewed 171 first evaluations by our experts in methodology and statistics. The turnaround times for this first round of reviews was 19 days (median). A greater effort to improve these times (which should be less than two weeks) is necessary in order to expedite the processing of manuscripts; moreover, a considerable number of articles require a second review. We should stress the importance of these evaluations as an invaluable aid in the decision-making process with regard to the acceptance or rejection of a given manuscript. Table 1 lists all the collaborators who, disinterestedly, have reviewed

TABLA 1. List of Reviewer Who Collaborated With REVISTA ESPAÑOLA DE CARDIOLOGÍA During 2006

Harry Acquatella	Antonio Coca Payeras	Rubén Gabriel Leta Petracca	Jesús C. Peteiro Vázquez
Aristides de Alarcón	José Cortina	María López Gil	Xavier Pintó
María Teresa Alberca Vela	José Joaquín Cuenca Castillo	Ramón Francisco López Palop	Luis Pintor
Luis Almenar Bonet	Diego F. Dávila	Antolín López Viña	Francisco Pomar Domingo
Jordi Alonso	Juan Francisco Delgado Jiménez	Iñigo Lozano Martínez-Luengas	Manuel de los Reyes López
Norberto Alonso Orcajo	Exuperio Díez-Tejedor	Alicia María Maceira González	Josep Rodés Cabau
Julián Álvarez	Jordi Estornell Erill	Nicolás Manito Lorite	Miguel A. Rodríguez García
Dominick Angiolillo	Manuel L. Fernández Guerrero	Josep Maria Manresa Domínguez	Marisol Ruiz Meana
Felipe Atienza Fernández	Ignacio Fernández Lozano	Pedro Marcos-Alberca Moreno	Manuel Sabaté Tenas
José Ramón Banegas Banegas	Juan Fernández-Yáñez García-Monge	Manuel Martínez Sellés	José Ignacio Sáez de Ibarra
Camino Bañuelos de Lucas	Pastora Gallego García de Vinuesa	Luis Masana	Clara Salas
Joaquín Barba Cosials	Juan Carlos Gallego Page	Pedro Mata López	Susana Sans Menéndez
Vivencio Barrios Alonso	Carlos Gamallo Amat	Rafael Melgares Moreno	Antonio Sarria Santamera
Ana Lisa Basquiera	Francisco García Gallego	Gonzalo de la Morena Valenzuela	José Antonio Serra Rexach
Antonio Bayés Genis	José A. García Robles	Javier Moreno Planas	Santiago Serrano Fiz
Julián Bayón Fernández	Luis García-Guereta Silva	José Luis Moya Mur	Jacobo Silva Guisasola
José Bermejo García	Alberto Godoy	Roberto Muñoz Aguilera	Lorenzo Silva Melchor
José Oriol Bonnin Pubianas	José María Goicolea Ruigómez	Enrique Novo García	Marta Sitges Carreño
Araceli Boraíta Pérez	Manuel Gómez Bueno	Gloria Oliva	Alberto Tejedor Jorge
María Bordons	María Teresa González Alujas	Antonio Ordóñez Fernández	Joaquín Terán Santos
Jorge Bruguera Cortada	Enrique González Hernández	Eduardo Otero Coto	Luis Tercedor Sánchez
Francisco E. Calvo Iglesias	Ángel Gutiérrez	Manuel de Oya Otero	Jorge Toquero Ramos
Luis Calvo Orbe	José María Hernández García	Agustín Pastor Fuentes	Inmaculada Vegazo
Carlos Caramelo	Felipe Hernández Hernández	Nicasio Pérez Castellano	Rodolfo Viotti
José A. Casasnovas Lenguas	J. Ignacio Iglesias Garriz	Esther Pérez David	Raquel Yotti Álvarez
Pablo Castro	Luis Jesús Jiménez Borreguero	Leopoldo Pérez de Isla	Javier Zueco Gil.
María Jesús del Cerro Marín	Miguel Josa	Armando Pérez de Prado	
Miguel A. Cobos Gil	Pablo Lázaro y de Mercado	Matías Pérez Paredes	

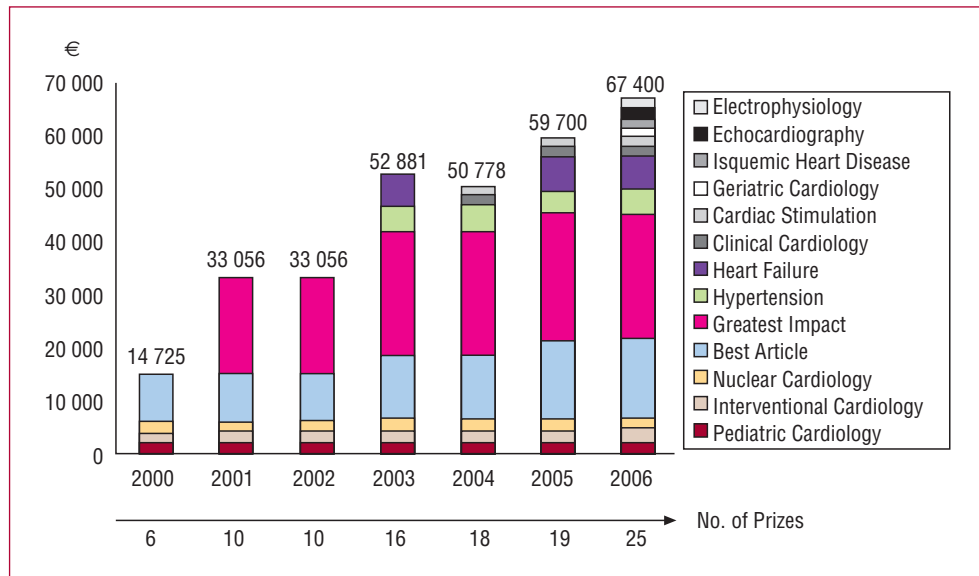


Figure 3. Time trend in the prizes awarded for the best articles published in REVISTA ESPAÑOLA DE CARDIOLOGÍA.

manuscripts for the journal throughout 2006. We wish to express our most sincere appreciation to all of them. On a general basis, we can say that the recommendations of our reviewers are increasingly critical. This is resulting, at least in part, in a gradual reduction in the proportion of acceptances (this year, the rate of acceptance was 45% for original articles, 31% for brief reports, and 17% for images in cardiology).

The final mean time from reception to publication was 10 months (6.9 months to final acceptance and an additional 3.1 months to publication, for a total time of 10.3 months). Obviously, we should continue to work to reduce these intervals. As a reference for comparison, we have estimated the mean times to publication in other prestigious cardiovascular journals, analyzing the articles printed in the first issue of each month for the first six months of 2006. In this assessment, evidently approximate, the mean times were 7.2 months for *Circulation*, 9.5 months for the *European Heart Journal* and 9.6 months for the *Journal of the American College of Cardiology*. We should keep in mind that these journals have an electronic manuscript processing system, which enables them to expedite the editorial process, and which we have yet to implement.

AWARDS FOR PUBLISHED ARTICLES

With the collaboration of the different scientific sections, the Executive Committee and the entire SEC, the number of awards and their size (67 400 € in all) increased with respect to preceding years (Figure 3). Undoubtedly, these awards—presented during the Congress of Cardiovascular Diseases—are a stimulus and well-deserved recognition for the best works published in REVISTA ESPAÑOLA DE CARDIOLOGÍA (Table 2).

REVISTA ESPAÑOLA DE CARDIOLOGÍA SUPPLEMENTS

In 2006, for first time, the complete text (PDF format) of all the issues of *Revista Española de Cardiología Suplementos* is available in a new electronic edition, which is of open access and free of charge, on the journal website. *Revista Española de Cardiología Suplementos* is clearly on the rise, in terms of both the number of supplements (8 in 2006 vs 2 in 2000) and the total number of articles published (55 in 2006 vs 7 in 2000). Moreover, three extra issues have been printed (abstracts of the annual congress, Joint Cardiovascular Seminar and Current Issues in Cardiology).

DISSEMINATION

The dissemination of our journal goes hand-in-hand, principally, with its two electronic versions (Spanish and English). This year, there was a notable increase in the number of visits to both of these editions on our website (www.revespcardiol.org) (Figure 4). In addition, over the year, a total of 22 450 complete articles have been downloaded in English, in PDF format, a number that doubles that recorded in 2005.

Since 2006, Doyma, our publisher, belongs to the prestigious international publishing group, Elsevier. We are sure that this change will enhance the dissemination of our content and the quality of the publication. As a first step, this year, we have been able to make our complete edition in English (available since 2002) accessible via the ScienceDirect database (the largest database of full-text articles in the world) (www.sciencedirect.com). REVISTA ESPAÑOLA DE CARDIOLOGÍA is the first publication in Spain to be

TABLE 2. Articles Published in REVISTA ESPAÑOLA DE CARDIOLOGÍA that Received Awards in 2006

1. Prizes awarded by the Spanish Society of Cardiology (SEC) for articles published in REVISTA ESPAÑOLA DE CARDIOLOGÍA
 - First prize*
Bodí V, Sanchís J, Losada A, García D, Núñez J, Pellicer M, et al. Estudio de la perfusión coronaria postinfarto mediante análisis cuantitativo de la ecocardiografía miocárdica con inyección de contraste por vía intravenosa. Rev Esp Cardiol. 2005;58:137-44.
 - First runner-up*
Sitges M, Roig E, Morales M, Azqueta M, Pérez Villa F, Paré C, et al. La disfunción endotelial periférica en la miocardiopatía dilatada idiopática se asocia con mayor disfunción ventricular y concentraciones plasmáticas elevadas de factor de necrosis tumoral. Rev Esp Cardiol. 2005;58:477-83.
 - Second runner-up*
Ortega FB, Ruiz JR, Castillo MJ, Moreno LA, González-Gross M, Wärnberg J, et al. Bajo nivel de forma física en los adolescentes españoles. Importancia para la salud cardiovascular futura (Estudio AVENA). Rev Esp Cardiol. 2005;58:898-909.
2. SEC prizes for articles published in REVISTA ESPAÑOLA DE CARDIOLOGÍA with the greatest international impact
 - Articles most frequently cited over the long term
 - First prize*
González Rebollo JM, Hernández Madrid A, García A, García de Castro A, Mejías A, Moro C. Fibrilación ventricular recurrente durante un proceso febril en un paciente con síndrome de Brugada. Rev Esp Cardiol. 2000;53:755-7.
 - First runner-up*
Bosch X, Sambola A, Arós F, López-Bescós L, Mancisidor X, Illa J. Utilización de la trombólisis en los pacientes con infarto agudo de miocardio en España: observaciones del estudio PRIAMHO. Rev Esp Cardiol. 2000;53:490-501.
 - Second runner-up*
Vázquez Ruiz de Castroviejo E, Martín Rubio A, Pousibet Sanfeliu H, Lozano Cabezas C, Guzmán Herrera M, Tarabini Castellani A, et al. Utilización del tratamiento anticoagulante en los pacientes con fibrilación auricular no reumática. Rev Esp Cardiol. 2000;53:200-4.
 - Articles most frequently cited over the medium term
 - First prize*
Marrugat J, Solanas P, D'Agostino R, Sullivan L, Ordovas J, Córdón F, et al. Estimación del riesgo coronario en España mediante la ecuación de Framingham calibrada. Rev Esp Cardiol. 2003;56:253-61.
 - First runner-up*
Arós F, Cuñat J, Loma-Orsorio A, Torrado E, Bosch X, Rodríguez JJ, et al. Tratamiento del infarto agudo de miocardio en España en el año 2000. El estudio PRIAMHO II. Rev Esp Cardiol. 2003;56:1165-73.
 - Second runner-up*
Sanchís J, Bodí V, Llácer A, Facila L, Pellicer M, Bertomeu V, et al. Estratificación del riesgo de pacientes con dolor torácico s en elevación del segmento ST en la puerta de urgencias. Rev Esp Cardiol. 2003;56:955-62.
3. Prizes in the Clinical and Nonhospital Cardiology Section
 - Morcillo C, Valderas JM, Aguado O, Delás J, Sort D, Pujadas R, et al. Evaluación de una intervención domiciliaria en pacientes con insuficiencia cardiaca. Resultados de un estudio aleatorizado. Rev Esp Cardiol. 2005;58:618-25
 - Alegria E, Cordero A, Laclaustra M, Grima A, León M, Casanovas JA, et al. Prevalencia del síndrome metabólico en población laboral española: registro MESYAS. Rev Esp Cardiol. 2005;58:797-806.
4. Prize in the Geriatric Cardiology Section
 - Bardají A, Bueno H, Fernández-Ortiz A, Cequier A, Augé JM, Heras M. Tratamiento y evolución a corto plazo de los ancianos con infarto agudo de miocardio ingresados en hospitales con disponibilidad de angioplastia primaria. El Registro TRIANA (Tratamiento del Infarto Agudo de miocardio en Ancianos). Rev Esp Cardiol. 2005;58:351-8.
5. Prize in the Pediatric Cardiology and Congenital Heart Disease Section
 - García Hernández JA, Montero Valladares C, Martínez López AI, Romero Parreño A, Grueso Montero J, Gil-Fournier Carazo M, et al. Factores de riesgo de la corrección anatómica para la transposición de grandes arterias. Rev Esp Cardiol. 2005;58:815-21.
- Prize in the Ischemic Heart Disease and Coronary Units Section
 - Bueno H, Bardají A, Fernández-Ortiz A, Marrugat J, Martí H, Heras M. Manejo del síndrome coronario agudo sin elevación del segmento ST en España. Estudio DESCARTES (Descripción del Estado de los Síndromes Coronarios Agudos en un Registro Temporal Español). Rev Esp Cardiol. 2005;58:244-52
6. Prize in the Echocardiography and other Imaging Techniques Section
 - Peteiro-Vázquez J, Monserrat-Iglesias L, Mariñas-Davila J, Garrido-Bravo IP, Bouzas-Caamaño M, Muñoz-García J, et al. Valor pronóstico de la ecocardiografía de ejercicio en cinta rodante. Rev Esp Cardiol. 2005;58:924-33.
7. Prize in the Electrophysiology and Arrhythmias Section
 - Alonso Atienza F, Requena Carrión J, García Alberola A, Rojo Álvarez JL, Sánchez Muñoz JJ, Martínez Sánchez J, et al. Desarrollo de un modelo probabilístico de la actividad eléctrica cardiaca basado en un autómatas celular. Rev Esp Cardiol. 2005;58:41-7.
8. Prize in the Cardiac Stimulation Section
 - Fernández Lozano I, Higgins S, Escudier Villa JM, Niazi I, Toquero J, Yong P, et al. La eficacia de la estimulación antitaquicardia mejora tras la terapia de resincronización cardiaca. Rev Esp Cardiol. 2005;58:1148-54.
9. Prizes in the Hypertension Section
 - First prize*
Rodríguez Roca GC, Artigao Ródenas LM, Llisterri Caro JL, Alonso Moreno FJ, Banegas Banegas JR, Lou Arnal S, et al. Control de la hipertensión arterial en la población española de 65 años asistida en atención primaria. Rev Esp Cardiol. 2005;58:359-66.

(Follow in the next page)

TABLA 2. (Continuation)

<i>Runner-up</i>	
	Redondo-Sendino A, Guallar-Castillón P, Banegas JR, Rodríguez-Artalejo F. Relación entre la red social y la hipertensión arterial en los ancianos españoles. <i>Rev Esp Cardiol.</i> 2005;58:1294-301.
10.	ABBOT Awards for the best article on acute heart failure Pascual Final DA, Cerdán Sánchez MC, Noguera Velasco JA, Casas Pina T, Muñoz Gimeno L, García Rodríguez R, et al. Utilidad del NTproBNP en el manejo urgente del paciente con disnea severa y diagnóstico dudoso de insuficiencia cardiaca. <i>Rev Esp Cardiol.</i> 2005;58:1155-61. Fernández-Yáñez J, Palomo J, Torrecilla EG, Pascual D, Garrido G, Gómez de Diego JJ, et al. Pronóstico de una población inicialmente candidata a trasplante cardiaco controlada con tratamiento médico. <i>Rev Esp Cardiol.</i> 2005;58:1162-70.
11.	GE Healthcare Medical Diagnostics Award for the best publication on nuclear cardiology Coma-Canella I, Macías A, Varo N, Sánchez Ibarrola A. Neurohormonas y citocinas en la insuficiencia cardiaca. Correlación con la reserva de flujo coronario. <i>Rev Esp Cardiol.</i> 2005;58:1273-7.
12.	Izasa Awards for articles on interventional cardiology <i>First prize</i> Galache Osuna JG, Sánchez Rubio J, Calvo I, Diarte JA, Lukic A, Placer LJ. ¿Mejora el uso de abciximab intracoronario el resultado del intervencionismo percutáneo? Estudio prospectivo y aleatorizado. <i>Rev Esp Cardiol.</i> 2006;59:567-74. <i>Second prize</i> Pan M, Suárez de Lezo J, Medina A, Romero M, Delgado A, Segura J, et al. Ecografía intracoronaria durante el seguimiento en la valoración de stents liberadores de rapamicina para el tratamiento de las lesiones en bifurcación: implicaciones técnicas. <i>Rev Esp Cardiol.</i> 2005;58:1278-86.

included in this important database. This measure will undoubtedly increase the visibility of our journal to potential readers and researchers all over the world. Moreover, we are also going to provide a new bibliometric tool, the Scopus database (the largest current database for abstracts and references from the scientific literature) (www.scopus.com).

INNOVATIONS AND EDITORIAL POLICY

The major innovations introduced during 2006 can be summarized in the following points:

1. Since the beginning of the year, both the electronic version and the print edition of REVISTA ESPAÑOLA DE CARDIOLOGÍA are published in full color. The aim of this new presentation, at no cost for our authors, is to make our content clearer and more attractive.

2. This year, we have changed the format for Brief Reports. These articles are no longer used to present case reports, but are reserved for series of patients (a minimum of three). Case reports should be presented as Letters to the Editor. We hope that the new design in the presentation of these two sections, as well as the quality obtained in the reproduction of the figures, will please our readers.

3. During this year, we have consolidated our team of medical translators and have reorganized the process of edition in English. In order to expedite the posting of our electronic edition in English, we have decided to publish the translated PDF versions immediately and replace them after receiving the comments of the authors and the meticulous supervision of the copy editors. With this innovation, we hope to reduce (by at least one month) the excessive delay that we had been accumulating with respect to the print edition, while preserving the quality

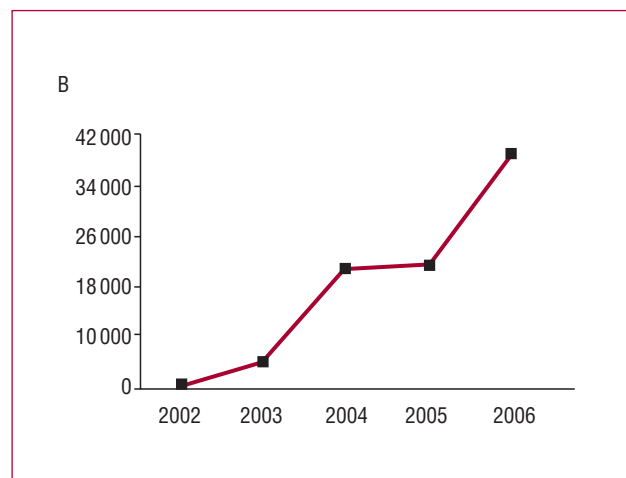
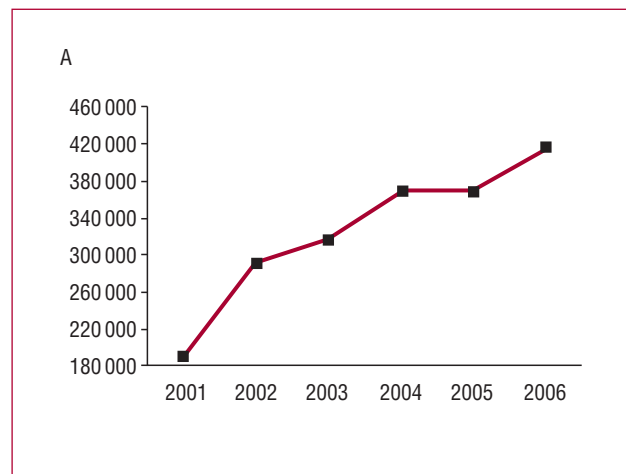


Figure 4. Time trend in visits to our website in Spanish (A) and English (B).

of this edition. For the short term, we should be pragmatic and merely attempt to provide access to the English version within a period of 45 days after the publication of the print edition in Spanish.

4. Our editorial team has also changed this year, and we are pleased to have incorporated into the group a new "Supplement Editor" to direct and reorganize the increasing editorial work generated by this area of the journal. We hope to be able to present our editorial policy in this respect soon.

5. As we mentioned above, the accessibility of our content in the electronic editions has been improved (*Revista Española de Cardiología Suplementos* and the ScienceDirect database).

6. We have collaborated with the "Women at Heart" initiative of the European Society of Cardiology to disseminate our 2006 update "Cardiovascular Disease in Women" by incorporating these articles into their website and through a mini-CD that was presented at the World Congress of Cardiology held in Barcelona, Spain.

7. We have recently adapted our instructions for authors⁷ to meet the requirements of the International Committee of Medical Journal Editors.⁷⁻¹⁰

8. In this December issue, we publish for the first time in our journal, two articles exclusively in electronic format (e-papers). These papers receive the same bibliometric considerations as a conventional article and are accessible via PubMed. In this way, we propose to continue to publish certain highly interesting but exceptionally long documents (Clinical Practice Guidelines)¹¹ that, otherwise, would notably compromise our editorial resources.

9. This year, we have worked to reorganize our editorial office and adapt it to a system of electronic manuscript processing. Over the past six months, a series of tests have been carried out with original articles that have been assessed using this system by members of our Editorial Committee. This change will also require an additional effort on the part of our authors and reviewers. The implementation of this powerful editorial tool will undoubtedly be our great challenge for 2007.

10. Finally, the editors have participated in different specialized international editorial forums (HEART group). Moreover, in 2007, we will form part of the nucleus of the new European "Editors' Club," the aim of which is to represent the editorial concerns of all the national cardiovascular journals within the framework of the European Society of Cardiology.

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