



# Implementation of CrossMark

2014.3.27 대한의학학술지편집인협의회 총회 정보관리위원장 권오훈



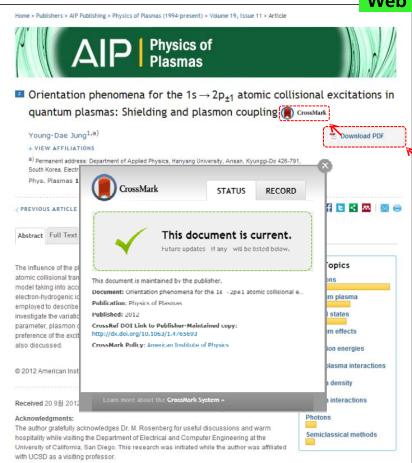


## What is CrossMark?

- A logo that identifies a publisher-maintained copy of a piece of content
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   Whether there have been any updates
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   Where the publisher-maintained version is
   Other important publication record information



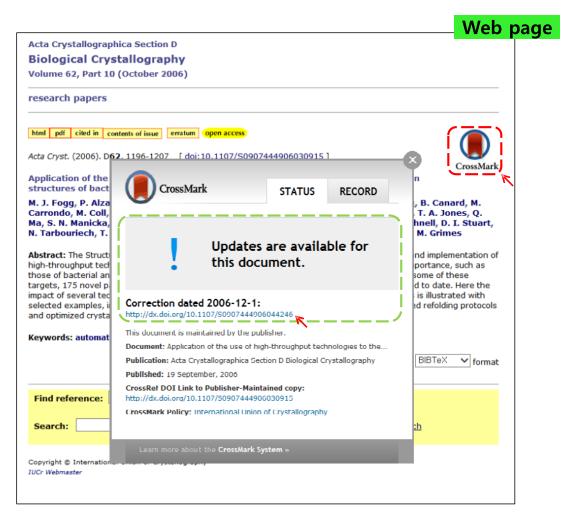
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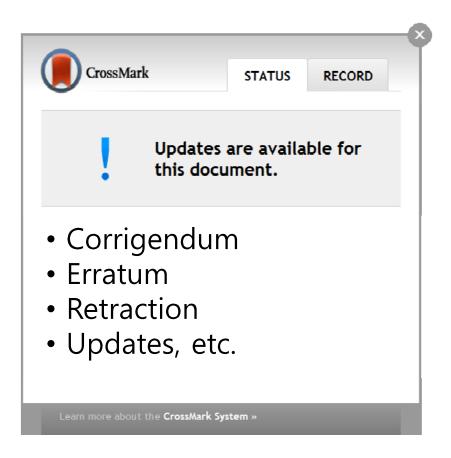




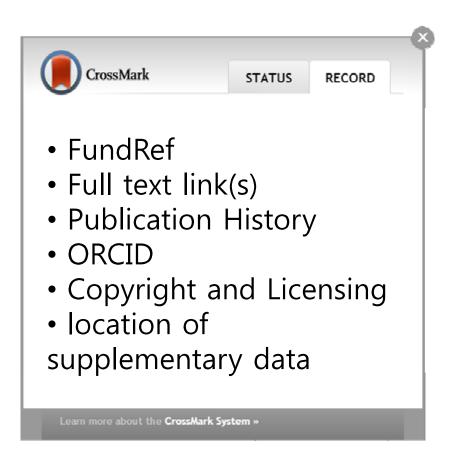












# CrossMark

# What do publishers have to do?





- Participation is optional
- Anything with a CrossRef DOI can have a CrossMark
  - Online-early content, but not pre-prints
- Participants must
  - maintain their content
  - keep CrossMark metadata up to date!
  - adhere to logo display guidelines



# CrossMark

# Steps for implementation



## 1. Create a CrossMark Policy Page

- Explain CrossMark, commitment to maintain the content
- Explain publisher policies on corrections, retractions, etc.
- Define any custom metadata fields for the Record Tab
- Assign it a DOI for persistent linking
- Deposit the Policy Page





# Korean Circulation Journal

www.e-kcj.org

pISSN 1738-5520 • eISSN 1738-5555 Open Access, Peer-reviewed

## About

Aims and Scope Editorial Board Journal Information



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CrossMark is a multi-publisher initiative to provide a standard way for readers to locate the current version of a piece of content.

By applying the CrossMark logo, Korean Circulation Journal (published by the Korean Society of Cardiology) is committing to maintaining the content it publishes and to alerting readers to changes if and when they occur.

Clicking on the CrossMark logo will tell you the current status of a document and may also give you additional publication record information about the document.

## 2. Deposit CrossMark Metadata

- DOI of the content the CrossMark is being applied to
- DOI for the publisher's CrossMark Policy Page
- DOI of any piece of content that is being updated



## 3. Update CrossMark Metadata!

<updates> <update type="correction" label="Correction" date="2010-0324">10.5555/1571</update> </updates>



# 4. Record CrossRef DOIs in HTML page metadata

<meta name="dc.identifier" content="doi:5555.1371/0050222">



## 5. Add CrossMark metadata to PDFs

Minimum = DOI, CrossMark
Domain



## PDF Metadata

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# 6. Display and Link the CrossMark Logo

## On HTML article landing page

itation: Cellular Therapy and Transplantation, Vol. 1, No. 1, 26 May 2008, p. 18-24, doi: 10.3205/ctt2008-05-26-001-en

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Optimization of the indications for allogeneic stem cell transplantation in Acute Myeloid Leukemia based on interactive diagnostic strategies

> Maite Hartwig<sup>1</sup>, Axel Rolf Zander<sup>1</sup>, Torsten Haferlach<sup>2</sup>, Boris Fehse<sup>1,3</sup>, Nicolaus Kröger<sup>1</sup>, Ulrike Bacher<sup>1</sup>

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³MLL, Munich Leukemia Laboratory, Munich, Germany;

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The indications for allogeneic stem cell transplantation (SCT) in Acute Myeloid Leukemia (AML) represent a real challenge due to the clinical and genetic heterogeneity of the disorder. Therefore, an optimized indication for SCT in AML first requires the determination of the individual relapse risk based on diverse chromosomal and molecular prognosis-defining aberrations. A Porad panel of diagnostic methods is needed to allow such subclassification and prognosistic stratification: cytomorphology, cytogenetics, molecular genetics, and immunophenotyping by multiparameter flow cytomorph. These methods should not be seen as isolated techniques but as parts of an integral network with herarchies and interactions. Examples for a poor risk constellation as a clear indication for allogeneic SCT are provided by anomalies of chromosome 7, complex aberrations, or FLT3-length mutations. In contrast, the favorable reciprocal translocations such as the (15:17)PPML-RARA or (18:21)AML1-ETO are not indications for SCT in first remission due to the rather good prognosis after standard therapy. Further, the indication for SCT should include the results of minimal residual disease (MRD) diagnostics by polymerase chain reaction (PCR) or flow cytometry. New aspects



## In PDF articles



# 7. Decide on and collect additional metadata



## What Does it Cost?



Current Content = published in the past two years.





## 

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문서번호 의편형 제2013-73호

시행일자 2013, 12, 3,

신 의평형 단체회원 특별회원

조 학술지 편집인(편집위원장)

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- Annals of Laboratory Medicine (2013.12.23. 2014-)
- Asian Oncology Nursing (2013.12.16. 2014- ) 6
- Brain Tumor Research and Treatment (2014.2.10. 2013-) 6
- Clinical Nutrition Research (2014.1.8. 2012-)
- Clinics in Orthopedic Surgery (2014.1.3. 2009-) 1
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- International Neurourology Journal (2014.1.10. 2013-) 6
- The Journal of Advanced Prosthodontics (2014.2.28. 2014-) 🚯
- Journal of Breast Cancer (2014.1.14. 2014- ) 69
- Journal of Cerebrovascular and Endovascular Neurosurgery (2013.12.13. 2012-) 1
- Journal of Clinical Neurology (2014.1.22. 2014-)
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- Journal of Korean Academy of Community Health Nursing (2014.02.03. 2009-)
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## A standard way of reporting funding sources for published scholarly research



### Original Article

http://dx.doi.org/10.4070/kcj.2013.43.10.674 Print ISSN 1738-6620 • On-line ISSN 1738-6666



### Improved Detection of Ischemic Heart Disease by Combining High-Frequency Electrocardiogram Analysis with Exercise Stress Echocardiography

Jin-Oh Choi, MD, Sung-A Chang, MD, Sung Ji Park, MD, Sang-Chol Lee, MD, and Seung Woo Park, MD

Background and Objectives: Because the exercise treadmill test (ETT) based on ST-segment analysis is limited due to low sensitivity and specificity, there has been an interest in the additional analysis of high-frequency components of QRS (HFQRS) for the detection of coronary artery disease (CAD). We sought to evaluate the feasibility and clinical usefulness of HFQRS analysis during exercise stress echocardiogra-

Subjects and Methods: We evaluated 175 patients (age 57±9, 118 men) who performed ESE and either coronary computed tomographic angiography or coronary angiography. ETT was performed using the HyperQ stress system for both conventional ST-segment analysis and

Results: Thirty-two patients (31%) had significant CAD. The sensitivity and specificity of HFQRS analysis were 68. tively. The combined model, including HFQRS analysis and ESE, provided the best diagnostic accuracy, with the area erating characteristics curve (AUC) of 0.948 {95% confidence interval (CI)=0.913-0.984} compared with ST-segment of the segment of the segmen

Conclusion: HFQRS analysis during ESE is feasible and may provide additional diagnostic information for the dete

KEY WORDS: Treadmill test; Echocardiography, stress: Electrocardiography; Coronary artery disease.

## Acknowledgments

The study was supported by a grant (No. 2008-10) from the Korean Society of Cardiology.

BSP Ltd. provided technical support for the HyperQ Stress System.

## Korean Circulation Journa

Seventy-one patients were excluded due to poor ECG quality for

HFQRS analysis. We assumed that this might be due to noisy signals contaminated during the acquisition of baseline resting echocardiographic images, and tried to exclude these noisy signals by separating the baseline echocardiographic image acquisition from baseline HFQRS measurement processes. After we adopted this exclusion of baseline echocardiogram and HFQRS signal acquisition, cases excluded due to poor ECG quality were substantially reduced

In our study, the sensitivity of HFQRS analysis was greater than ST-segment analysis, which may suggest a complimentary role for HFQRS analysis to ETT in the diagnosis of significant CAD. Moreover, the independent relationship with significant CAD in multivariable analysis supports its role at the time of ESE. To the best of our knowledge, the feasibility of HFQRS analysis at the time of ESE has

such as myocardial perfusion or coronary functional studies is required for HFQRS analysis to be considered a reliable and standard

Jin-Oh Choi, et al. 679

## diagnostic test for CAD. Acknowledgments

The study was supported by a grant (No. 2008-10) from the K

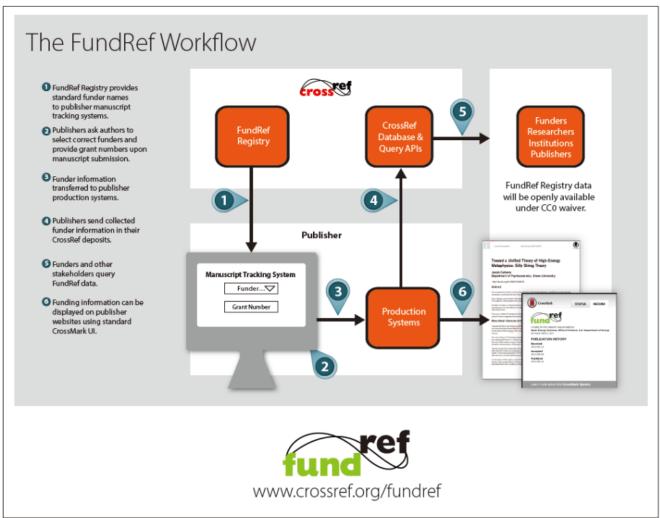
BSP Ltd. provided technical support for the HyperQ Stress System

#### References

1. Gibbons RJ, Balady GJ, Bricker JT, et al. ACC/AHA 2002 guideline up-College of Cardiology/American Heart Association Task Force on Prac-tice Guideling/American Heart Association Task Force on Prac-tice Guidelines (Committee to Update the 1997 Exercise Testing Guide-

been demonstrated for the first time in our study. lines). Circulation 2002;106:1883-92.

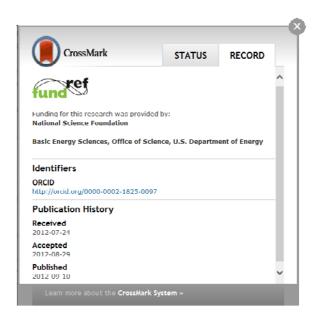


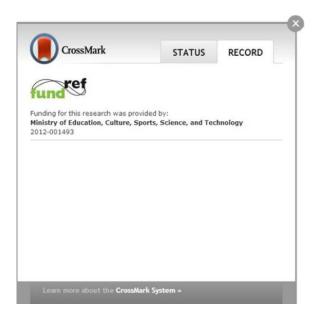




## **Implementation**

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J Korean Med Sci. 2014 Feb;29(2):164-171, English.

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#### Formats

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## Prevention of Venous Thromboembolism, 2nd Edition: Korean Society of Thrombosis and Hemostasis Evidence-Based Clinical Practice Guidelines

Soo-Mee Bang, <sup>1,\*</sup> Moon Ju Jang, <sup>2,\*</sup> Kyoung Ha Kim, <sup>3</sup> Ho-Young Yhim, <sup>4</sup> Yeo-Kyeoung Kim, <sup>5</sup> Seung-Hyun Nam, <sup>6</sup> Hun Gyu Hwang, <sup>7</sup> Sung Hwa Bae, <sup>8</sup> Sung-Hyun Kim, <sup>9</sup> Yeung-Chul Mun, <sup>10</sup> Yang-Ki Kim, <sup>3</sup> Inho Kim, <sup>11</sup> Won-II Choi, <sup>12</sup> Chul Won Jung, <sup>13</sup> Nan Hee Park, <sup>14</sup> Nam-Kyong Choi, <sup>14</sup> Byung-Joo Park, <sup>15</sup> and Doyeun Oh <sup>10</sup> Department of Internal Medicine, Seoul National University College of Medicine, Seoul National University Bundang Hospital, Seongnam, Korea.

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NSCR-2012-A102

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asymptomatic outcomes with preferences for both thrombotic and bleeding outcomes. Thus, in the development of the new Korean guidelines, three major points were addressed: 1) the new guidelines stratify patients into 4 risk groups (very low, low, moderate, and high) according to the actual incidence of symptomatic VTE from the HIRA databases; 2) the recommended optimal VTE prophylaxis for each group was modified according to condition-specific thrombotic and bleeding risks; 3) guidelines are intended for general information only, are not medical advice, and do not replace professional medical care and/or physician advice.

#### **Graphical Abstract**

Risk	Surgery or condition	Prophylaxis
Very low	Breast cancer	Early ambulation
	Gastric cancer ( < 60 years)	
	Hepatobiliary cancer ( < 60 years)	
	Cesarean section	
	Hysterectomy of benign disease	
	Oophorectomy of benign disease	
	Nephrectomy	
	Cystectomy	
	Prostatectomy	
	Transurethral resection of the prostate	
Low	Gastric cancer ( = 60 years)	Mechanical prophylaxis
	Hepatobiliary cancer ( = 60 years)	
	Cervical cancer	
Moderate	Colorectal cancer	Mechanical prophylaxis* or
	Pancreatic cancer	Pharmacological prophylaxis
	Ovarian cancer	
	Esophageal cancer	
	Major orthopedic surgery (THA, TKA, or HFS)	
	Major trauma	
High	Any cancer surgery in patients with previous VTE or thrombophilia	Pharmacological prophylaxis
	Major orthopedic surgery with risk (advanced age, previous VTE or thrombophilia)	(± mechanical prophylaxis)
	Spinal cord injury	

Keywords: Guideline, Prevention, Venous Thromboembolism, Bleeding

#### INTRODUCTION

Venous thromboembolism (VTE), which includes deep vein thrombosis (DVT) and pulmonary embolism (PE), is a major cause of morbidity and mortality in hospitalized patients. PE is the third most common fatal vascular disorder following coronary artery disease and cerebrovascular accident (1); it is also the leading cause of preventable hospital death and a major cause of maternal mortality (2,3). In addition to the clinical impact of VTE on morbidity and mortality, the economic burden of the disease is considerable (4). Thus, VTE is a major public health concern in developed countries.

For the treatment of VTE, thromboprophylaxis has been recommended based on the four following factors: the high incidence of VTE in hospitalized patients; the difficulty of early diagnosis due to vague symptomatology; the cost-effectiveness of medical prophylaxis; and the high mortality of PE without early diagnosis and prompt management. Furthermore, data from numerous clinical trials



Funding

Korean Ministry of Health and Welfare NSCR-2012-A102

PDF





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## Prevention of Venous Thromboembolism, 2nd Edition: Korean Society of Thrombosis and Hemostasis Evidence-Based Clinical Practice Guidelines

Soo-Mee Bang,<sup>1\*</sup> Moon Ju Jang,<sup>2\*</sup> Kyoung Ha Kim,<sup>3</sup> Ho-Young Yhim,<sup>4</sup> Yeo-Kyeoung Kim,<sup>5</sup> Seung-Hyun Nam,<sup>6</sup> Hun Gyu Hwang,<sup>7</sup> Sung Hwa Bae,<sup>8</sup> Sung-Hyun Kim,<sup>3</sup> Yeung-Chul Mun,<sup>10</sup> Yang-Ki Kim,<sup>3</sup> Inho Kim,<sup>11</sup> Won-Il Choi,<sup>12</sup> Chul Won Jung,<sup>13</sup> Nan Hee Park,<sup>14</sup> Nam-Kyong Choi,<sup>14</sup> Byung-Joo Park,<sup>15</sup> and Doyeun Oh<sup>2</sup>

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In 2010, we proposed the first Korean Guidelines for the Prevention of Venous Thromboembolism (VTE). It was applicable to Korean patients, by modifying the contents of the second edition of the Japanese guidelines for the prevention of VTE and the 8th edition of the American College of Chest Physicians (ACCP) evidence-based clinical practice quidelines. From 2007 to 2011, we conducted a nationwide study regarding the incidence of VTE after major surgery using the Health Insurance Review and Assessment Service (HIRA) database. In addition, we have considered the 9th edition of the ACCP Evidenced-Based Clinical Practice Guidelines, published in 2012. It emphasized the importance of clinically relevant events as opposed to asymptomatic outcomes with preferences for both thrombotic and bleeding outcomes. Thus, in the development of the new Korean guidelines, three major points were addressed: 1) the new guidelines stratify patients into 4 risk groups (very low, low, moderate, and high) according to the actual incidence of symptomatic VTE from the HIRA databases; 2) the recommended optimal VTE prophylaxis for each group was modified according to condition-specific thrombotic and bleeding risks; 3) guidelines are intended for general information only, are not medical advice, and do not replace professional medical care and/or physician advice.

Keywords: Guideline; Prevention; Venous Thromboembolism; Bleeding

ardial infarction, cerebrovascular attack, metastatic cancer, or previous VTE, we recommend pharmacological prophylaxis or mechanical prophylaxis (Grade 2C). The majority of patients admitted to the intensive care unit have multiple risk factors for VTE. These patients should be routinely assessed and offered pharmacological prophylaxis or mechanical pro-phylaxis (Grade 2A). For metastatic cancer patients who have previous VTE or thrombophilia, we recommend pharmacological prophylaxis (Grade 2A). Mechanical prophylaxis can be used when there is a contraindication to anticoagulation (Grade 1A) (Table 6).

#### SUMMARY

in Korean patients experiencing surgery, pregnancy, trauma cancer, and acute medical illness. Based on VTE risk factors (age, immobility, history of VTE, co-morbid illness, and type of surgery or trauma), patients can be stratified into very-low-, moderate-, and high-risk groups. For high-risk patients (any cancer surgery with previous VTE or thrombophilia, major orthopedic surgery with additional risk, and SCI), pharmacological pro-phylaxis is recommended. Mechanical prophylaxis should be used primarily in patients with a high risk of bleeding. For moderate-risk patients (colorectal or pancreatic cancer surgery, major orthopedic surgery without additional risk, and major trauma), prophylaxis with a mechanical method (GCS and/or IPC) or a pharmacological method can be used. For low-risk patients (gastric cancer surgery [ ≥ 60 yr], hepatobiliary cancer surgery [ ≥ 60 yr], and hysterectomy [cervical cancer]), mechanical prophylaxis is recommended. For very-low-risk patients, early and frequent ambulation is the only recommended prophylactic treatment. In conclusion, this article outlines the re vised Korean guidelines issued for primary VTE prevention and provides a useful reference for clinicians. These guidelines must be updated based on results of well-controlled studies conducted in Korea. Our guidelines aim to define and clarify an optimal strategy for VTE prevention for patients with VTE risk; however, the ultimate decision should be individualized and determined by the physician.

#### DISCLOSURE

The authors declare that they have no conflicts of interest for

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#### REFERENCES

- 1. Anderson FA Ir. Wheeler HB, Goldberg RI, Hosmer DW, Patwardhan NA, Jovanovic B, Forcier A, Dalen JE. A population-based perspective of the hospital incidence and case-fatality rates of deep vein thrombosis and pulmonary embolism: the Worcester DVT Study. Arch Intern Med 1991; 151: 933-8.

  2. Beckman MG, Hooper WC, Critchley SE, Ortel TL. Venous thro
- bolism: a public health concern. Am J Prev Med 2010; 38: S495-501.

  3. Chang J, Elam-Evans LD, Berg CJ, Hemdon J, Flowers L, Seed KA, Sy version CJ. Pregnancy-related mortality surveillance: United States, 1991-1999. MMWR Surveill Summ 2003; 52: 1-8.
- 4. Ruppert A, Steinle T, Lees M. Economic burden of venous th
- bolism: a systematic review: J Med Econ 2011; 14: 65-74.

  5. Cardiovascular Disease Educational and Research Trust; Cyprus Car diovascular Disease Educational and Research Trust; European Ve nous Forum; International Surgical Thombosis Forum; International Union of Anglology; Union Internationale de Phlébologie, Prevention and treatment of venous thromboembolism: International Consensus nent (guidelines according to scientific evidence). Int Angiol 2006;
- 6. Guyatt GH, Akl EA, Crowther M, Gutterman DD, Schi American College of Chest Physicians Antithrombotic Therapy and Prevention of Thrombosis Panel, Executive summary: antithrombotic therapy and prevention of thrombosis, 9th ed: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines. Chest 2012; 141:
- 7. Liew NC, Chang YH, Choi G, Chu PH, Gao X, Gibbs H, Ho CO, Ibrahin H, Kim TK, Kritpracha B, et al. Asian venous thromboembolism guide-lines: prevention of venous thromboembolism. Int Angiol 2012; 31: 501-
- B. Wickham N, Gallus AS, Walters BN, Wilson A; NHMRC VTE Prever Guideline Adaptation Committee. Prevention of venous thromboembo-lism in patients admitted to Australian hospitals: summary of Nationa Health and Medical Research Council clinical practice guideline, Intern
- 9. Jang MJ, Bang SM, Oh D. Incidence of venous thromb rea: from the Health Insurance Review and Assessment Service database J Thromb Haemost 2011; 9: 85-91.

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