



## Introduction to Prominent Journals Publishing Pharmaceutical Care Issues

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### Introduction

Since and even before the introduction of pharmaceutical care concept from the United States about thirty years ago, different pharmacy journals from North America and Europe published various subjects related to this field. In this article, general characteristics of 15 well-known journals publishing topics relevant to pharmaceutical care area such as pharmacotherapy, hospital as well as clinical pharmacy, and pharmacy practice for at least within the recent 5 years have been briefly reviewed. Discussed journal features include their publication start year, publisher and organizational affiliation, frequency and country of publication, aim and scope, last ISI impact factor, and major indexing databases. These data have been also summarized in a table.

### 1- Annals of Pharmacotherapy

The Annals of Pharmacotherapy founded in 1967 was originally named *Drug Intelligence*. Its name changed to *Drug Intelligence and Clinical Pharmacy* (DICP) in 1969, DICP-The Annals of Pharmacotherapy in 1989, and finally into *The Annals of Pharmacotherapy* in 1992. It is an independent journal published monthly (except July/August combined) in the United States. Its former publisher was Harvey Whitney Books Company. SAGE publication has recently purchased the annals of pharmacotherapy from Harvey Whitney Books Company

and it will begin publishing the journal in September 2013. The annals of pharmacotherapy publishes peer-reviewed, evidence-based articles (e.g. research reports, reviews, commentaries, and case reports) on practice, research, and education of pharmacotherapy. The 2-year ISI impact factor of the journal in 2012 is 2.567. It is currently included in major abstracting and indexing services such as Index Medicus/MEDLINE/PubMed, Current Contents, Science Citation Index, and EMBASE.

### 2- Pharmacotherapy

Pharmacotherapy is the official journal of the American College of Clinical Pharmacy (ACCP). It was first published in 1981. It is published monthly in the United States. Its formerly publisher was Pharmacotherapy Publications. Beginning with the January 2012 issue, it was published by John Wiley & Sons, Inc. Pharmacotherapy publishes peer-reviewed articles (e.g. original research articles, brief reports mini-reviews, case reports, reviews of therapeutics, and practice insights) about all aspects of human pharmacology and drug therapy. The 2-year ISI impact factor of the journal in 2012 is 2.311. It is currently included in major abstracting and indexing services such as Index Medicus/MEDLINE/PubMed, Biological Abstracts, Chemical Abstracts, Current Awareness in Biological Sciences, and Current Contents.

### 3- American Journal of Health-System Pharmacy

American Journal of Health-System Pharmacy (AJHP), the official publication of the American Society of Health-System Pharmacists (ASHP), was first published in 1995. Actually, AJHP is the continuation of American Journal

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of Hospital Pharmacy published between 1958 and 1994. It is published semimonthly in the United States. AJHP publisher is ASHP. AJHP claims that it is the most widely recognized clinical pharmacy journal in the world with a circulation of nearly 40,000. It publishes peer-reviewed, scientific articles (e.g. clinical reports, reviews, commentaries, and case reports) on current drug therapy and pharmacy practice innovations in hospitals and health settings. The 2-year ISI impact factor of the journal in 2012 is 1.984. It is currently included in major abstracting and indexing services such as Index Medicus/MEDLINE/PubMed, Science Citation Index, International Pharmaceutical Abstracts, and Current Contents.

#### **4- Journal of the American Pharmacists Association**

Journal of the American Pharmacists Association (JAPhA) is the official journal of American Pharmacists Association (APhA). It was first published in 1996. JAPhA is currently published bimonthly by APhA in the United States. It provides peer-reviewed articles (e.g. original research, reviews, experiences, and informed opinion articles) about contemporary pharmaceutical care, pharmacotherapy, diseases and other health issues, and trends in pharmacy practice as well as therapeutics. The 2-year ISI impact factor of the journal in 2012 is 1.156. Biological Abstracts, Chemical Abstracts, Excerpta Medica, FDA Clinical Experience Abstracts, Hospital Literature Index, Index and International Pharmaceutical Abstracts, are currently indexed JAPhA.

#### **5- Journal of Managed Care Pharmacy**

Journal of Managed Care Pharmacy (JMCP), the official journal of the Academy of Managed Care Pharmacy, was first published in 1995. It is published 9 times per year by the Academy of Managed Care Pharmacy in the United States. JMCP publishes peer-reviewed original researches, subject reviews, formulary management, brief communication, commentaries, editorials and other contents. It attempts to offer the results of scientific studies on clinical and economical outcomes of pharmacy services and pharmaceutical interventions (e.g. formulary management) to health-care professionals in pharmacy, medicine, nursing, and other relevant fields. The 2-year ISI impact factor of the journal in 2012 is 2.414. It is currently indexed in MEDLINE/PubMed, the International Pharmaceutical Abstracts, Science Citation Index Expanded, and Current Contents/Clinical Medicine.

#### **6- Expert Opinion on Pharmacotherapy**

Expert Opinion on Pharmacotherapy was first published in 1999. It is published 18 times a year in England. Informa Pharmaceutical Science is the current publisher of expert opinion on pharmacotherapy. It publishes peer-

reviewed articles (e.g. reviews, drug evaluations, and original researches) on newly approved/near to launch compounds (from development Phase III to those that have been available to pharmacopoeia for up to 5 years), covering all therapy areas. It also provides expert opinion on the probable impact of new agents on the present pharmacotherapy of specific diseases. The 2-year ISI impact factor of the journal in 2012 is 2.86. It is currently indexed in Chemical Abstracts, EMBASE/Excerpta Medica, Index to Scientific Reviews, Index Medicus/MEDLINE/PubMed, Science Citation Index, and Current Contents/Clinical Medicine.

#### **7- Biomedicine & Pharmacotherapy**

Biomedicine & Pharmacotherapy was first published in 1982. It is published 10 times a year in France. Editions Scientifiques Elsevier is the current publisher of biomedicine & pharmacotherapy. It publishes peer-reviewed articles (e.g. original articles, short communication, reviews, and brief reports of meetings, symposia and conferences) in the fields of molecular and cell biology, genetic disease, immunology, immunoregulation, chemotherapy, pharmacology and toxicology, preclinical, and clinical pharmacology. The journal claims that it is one of the forefront journals at the field of fundamental and practical science, biological and medical principles as well as pathological and therapeutics explanations. The 2-year ISI impact factor of the journal in 2012 is 2.068. It is currently indexed in major abstracting and indexing services such as Index Medicus/MEDLINE/PubMed, EMBASE/Excerpta Medica, SCOPUS, BIOSIS/Biological Abstracts, and Current Contents/Life Sciences.

#### **8- Journal of Clinical Pharmacy and Therapeutics**

Journal of Clinical Pharmacy and Therapeutics was first published in 1987. It is published 6 times a year in England. Blackwell Scientific Publications is the current publisher of journal of clinical pharmacy and therapeutics. It publishes peer-reviewed articles (e.g. editorials, commentaries, reviews, original research and reports) on all aspects of drug development and drug use such as rational therapeutics, safety, cost-effectiveness and clinical efficacy of drugs, pharmacogenetics, evidence-based practice, drug interactions, and clinical pharmacokinetics. The 2-year ISI impact factor of the journal in 2012 is 2.104. It is currently included in major abstracting and indexing services such as Index Medicus/MEDLINE/PubMed, EMBASE, SCOPUS, International Pharmaceutical Abstracts, Chemical Abstracts Service, Science Citation Index, and Current Contents/Clinical Medicine.

#### **9- International Journal of Clinical Pharmacy**

International Journal of Clinical Pharmacy, is the official publication of European Society of Clinical

Pharmacy. It was first published in 1993. It is published bimonthly (6 times per year) in the Netherlands. Noting that the journal under the name of Pharmacy World and Science was published in Germany up to 2010. Springer is the current publisher of international journal of clinical pharmacy. It publishes peer-reviewed articles (e.g. review articles, research articles, case reports, short research reports, commentaries, and letters to the editor) on clinical pharmacy and related practice-oriented topics in the pharmaceutical sciences such as drug information, pharmacotherapy, pharmaceutical care, pharmacoconomics, and pharmacoepidemiology. The 2-year ISI impact factor of the journal in 2012 is 0.859. It is currently included in major abstracting and indexing services such as Index Medicus/MEDLINE/PubMed, EMBASE, SCOPUS, International Pharmaceutical Abstracts, Chemical Abstracts Service, Current Abstracts, Science Citation Index, and Current Contents/ Life Sciences.

#### **10- Pharmacy Practice**

Pharmacy Practice was first published in 2006. It is published quarterly in Spain. Granada, affiliated to Global Research Institute of Pharmacy Practice, is the publisher of pharmacy practice. The language of its abstract is English-Spanish. It publishes peer-reviewed articles (original research and reviews) on a wide range of pharmacy activities such as pharmacoepidemiology, social pharmacy, pharmacy education, process and outcome research, health promotion education, and informatics. The journal has no impact factor now. It is currently indexed in Pharmacy Abstracts, DOAJ, IDIS, EMBASE, SCOPUS, ProQuest, Directory of Open Access Journals, Scientific Electronic Library Online, and EBSCO.

#### **11- Journal of Pharmacy Practice**

Journal of Pharmacy Practice is now the official journal of the New York State Council Health-system Pharmacists (NYSCHSP). Noting that NYSCHSP published New York State Journal of Health-system Pharmacists which its content will now be merged with journal of pharmacy practice. It was first published in 1988. It is published bimonthly (6 times per year) in the United States. SAGE publications are the current publisher of journal of pharmacy practice. It publishes peer-reviewed articles (e.g. reviews, research articles, case reports) on pivotal subjects in the present pharmacy practice and pharmaceutical care such as practice settings, therapeutics matters, disease management, pharmacy education and current government, legal and regulatory subjects as well as health-care environment. In most issues, it also contains a review of new books, journals, drug information resources, and web sites. The journal has no impact factor now. It is currently indexed in Index Medicus/MEDLINE/PubMed,

EMBASE/Excerpta Medica, SCOPUS, International Pharmaceutical Abstracts, CINAHL, and PsycINFO.

#### **12- International Journal of Pharmacy Practice**

International Journal of Pharmacy Practice was first published in 1991. It is published bimonthly (6 times per year) in England. Royal Pharmaceutical Society of Great Britain is the publisher of international journal of pharmacy practice. It publishes peer-reviewed articles (editorials, literature reviews, original research, personal opinion, and short communications) on all aspects of medicine management, policy, practice, and education such as drug information, drug utilization, pharmaceutical public health, and pharmacy economics, education, and practice. The journal has no impact factor now. It is currently indexed in Index Medicus/MEDLINE/PubMed, EMBASE/Excerpta Medica, SCOPUS, International Pharmaceutical Abstracts, CAB Abstracts, and British Nursing Index.

#### **13- The European Journal of Hospital Pharmacy: Science and Practice**

The European Journal of Hospital Pharmacy (EJHP) is the official journal of the European Association of Hospital Pharmacists (EAHP) as the major hospital pharmacy platform to reach over 21,000 European hospital pharmacists in 31 countries throughout Europe. It was first published in 1995. It is published bimonthly (6 times per year) in England. From 2002, EJHP evolved to its current format which in addition to clinical, scientific, and practice topics related to hospital pharmacy, covered other subjects such as stories, clinical updates, medication safety section, conference reports, country focus, technical, and therapeutic developments. In January 2012, BMJ Group contributed in publishing The European Journal of Hospital Pharmacy: Science and Practice which is the combination of journals EJHP Science and EJHP Practice. The journal has no impact factor now. It is currently indexed in Science Citation Index Expanded, International Pharmaceutical Abstracts, and CINAHL.

#### **14- Hospital Pharmacy**

Hospital pharmacy was first published in 1966. It is published monthly in the United States. Thomas Land Publishers, Inc is the current publisher of Hospital pharmacy. Wolters Kluwer Health is its former publisher. It publishes peer-reviewed articles on drug and disease state management, recent FDA approvals, off-label drug indications, formulary drug reviews, medication errors, adverse drug reactions, automation, and governmental regulation. According to Kantar Media, Inc. report on Health System Survey at June 2012, hospital pharmacy is the most widely read, peer-reviewed journal among pharmacy managers and members of formulary committee. The journal has no impact factor now and appears not to

be indexed in major medical/pharmaceutical databases.

### 15- The Canadian Journal of Hospital Pharmacy

The Canadian Journal of Hospital Pharmacy (CJHP) is the official publication of the Canadian Society of Hospital Pharmacists (CSHP). It was first published in 1969. It is published bimonthly (6 times per year) in Canada. CSHP is

the publisher of CJHP. It publishes peer-reviewed articles (e.g. original research, clinical reviews, case reports, letters, drug information notes, and topical discussions) on pharmacy practice issues that are of interest to health care practitioners in clinical settings such as hospitals. The journal currently has no impact factor and appears not to be indexed in major medical/pharmaceutical databases.

### General characteristics of journals publishing pharmaceutical care issues

No.	Title	Publication start year	Country of publication	Frequency of publication	Current publisher	Organizational affiliation	2012 ISI impact factor	Indexing databases	Electronic ISSN
1	Annals of Pharmacotherapy	1967	United States	Monthly (except July/August combined)	Harvey Whitney Books Company (SAGE publications from September 2013)	None	2.567	Index Medicus/MEDLINE/PubMed, Current Contents, Science Citation Index, EMBASE	1542-6270
2	Pharmacotherapy	1981	United States	Monthly	John Wiley & Sons, Inc	American College of Clinical Pharmacy	2.311	Index Medicus/MEDLINE/PubMed, Biological Abstracts, Chemical Abstracts, Current Awareness in Biological Sciences, Current Contents	1875-9114
3	American Journal of Health-System Pharmacy	1995	United States	Semimonthly	American Society of Health-System Pharmacists	American Society of Health-System Pharmacists	1.984	Index Medicus/MEDLINE/PubMed, Science Citation Index, International Pharmaceutical Abstracts, Current Contents	1535-2900
4	Journal of the American Pharmacists Association	1996	United States	Bimonthly	American Pharmacists Association	American Pharmacists Association	1.156	Biological Abstracts, Chemical Abstracts, Excerpta Medica, Index Medicus/MEDLINE/PubMed, International Pharmaceutical Abstracts	1544-3450
5	Journal of Managed Care Pharmacy	1995	United States	9 times a year	Academy of Managed Care Pharmacy	Academy of Managed Care Pharmacy	2.414	MEDLINE/PubMed, the International Pharmaceutical Abstracts, Science Citation Index Expanded, Current Contents/Clinical Medicine	1944-706X

No.	Title	Publication start year	Country of publication	Frequency of publication	Current publisher	Organizational affiliation	2012 ISI impact factor	Indexing databases	Electronic ISSN
6	Biomedicine & Pharmacotherapy	1982	France	10 times a year	Editions Scientifiques Elsevier	None	2.068	Index Medicus/ MEDLINE/ PubMed, EMBASE/ Excerpta Medica, SCOPUS, BIOSIS/ Biological Abstracts, Current Contents/ Life Sciences	1950-6007
7	Journal of Clinical Pharmacy and Therapeutics	1987	England	Bimonthly	Blackwell Scientific Publications	None	2.104	Index Medicus/ MEDLINE/ PubMed, EMBASE, SCOPUS, International Pharmaceutical Abstracts, Chemical Abstracts Service, Science Citation Index, Current Contents/Clinical Medicine	1365-2710
8	International Journal of Clinical Pharmacy (formerly Pharmacy World & Science)	1993	The Netherlands	Bimonthly	Springer	European Society of Clinical Pharmacy	0.859	Index Medicus/ MEDLINE/ PubMed, EMBASE, SCOPUS, International Pharmaceutical Abstracts, Chemical Abstracts Service, Current Abstracts, Science Citation Index, Current Contents/Life Sciences	2210-7711
9	Pharmacy Practice	2006	Spain	Quarterly	Granada, affiliated to Global Research Institute of Pharmacy Practice	None	None	Pharmacy Abstracts, EMBASE, SCOPUS, ProQuest, Directory of Open Access Journals, Scientific Electronic Library Online, EBSCO	1886-3655
10	Journal of Pharmacy Practice	1988	United States	Bimonthly	SAGE publications	New York State Council Health-system Pharmacists	None	Index Medicus/ MEDLINE/PubMed, EMBASE/Excerpta Medica, SCOPUS, International Pharmaceutical Abstracts, CINAHL, PsycINFO	1531-1937

No.	Title	Publication start year	Country of publication	Frequency of publication	Current publisher	Organizational affiliation	2012 ISI impact factor	Indexing databases	Electronic ISSN
11	The European Journal of Hospital Pharmacy: Science and Practice	1995	England	Bimonthly	BMJ Group	European Association of Hospital Pharmacists	None	Science Citation Index Expanded, International Pharmaceutical Abstracts, CINAHL	2047-9964
12	Hospital Pharmacy	1966	United States	Monthly	Thomas Land Publishers, Inc	None	None	None	0018-5787
13	The Canadian Journal of Hospital Pharmacy	1969	Canada	Bimonthly	Canadian Society of Hospital Pharmacists	Canadian Society of Hospital Pharmacists	None	None	1920-2903