



PEGASYS® COPEGUS® OFROJNE SHANSIN ME TE MIRE PER SHERIMIN E HEPATITIT VIRAL C:

- ☒ I vetmi Interferon i Pegiluar i aprovuar në terapinë e pacientëve me ALT – normale ose Co-Infeksionet HIV- HCV persistente,
- ☒ efikasitet superior mbi të gjithë llojet e genotipeve dhe,
- ☒ tolerancë më e mirë në krahasuar me terapinë e kombinuar me interferonin e thjeshtë jo të pegiluar, si dhe
- ☒ solucion i parapërgatitur në shiringë, lehtësisht të përdorshme, dhe dozë unike për të gjithë pacientët.

*Përmbledhje e karakteristikave të produktit PEGASYS®


PEGASYS® COPEGUS®
peginterferon alfa-2a (40KD) ribavirin

EVIDENCE, CONSISTENCY, CONFIDENCE.

Full prescribing information is available on request
F. Hoffmann-La Roche Ltd



BULLETIN OF MEDICAL SCIENCES
Official Publication of the Medical Faculty

Editor-in-Chief
Bashkim RESULI

Deputy Editors
Elizana PETRELA Xheladin DRAÇINI

Associate Editors

Alban Dibra, Anila Babameto, Andi Koraqe, Arjan Harxhi, Artan Haruni, Arvin Dibra, Brikena Qirjazi, Çeljana Toti, Helidon Nino, Evda Veveçka, Genc Burazeri, Gentian Kaloshi, Kliti Hoti, Ledjan Malaj, Nikolla Leka, Teuta Dedej

National Editorial Board		International Editorial Board
Agim Sallaku	Gjergj Çausi	Andrea E. (Italy)
Agron Ylli	Gjergj Vreto	Dasci A. (Turkey)
Anastas Suli	Isuf Kalo	Dewan P. (Australia)
Anesti Kondili	Jera Kruja	Jadual M. (Belgium)
Anila Godo	Kristaq Morcka	Kastrati A. (Germany)
Artan Goda	Mentor Petrela-PU-PH-Paris	Keith F. (USA)
Bajram Hysa	Mihal Tase	Kondili L. (Italy)
Besim Elezi	Mustafa Xhani	Kuchards E. (Polonia)
Besnik Juca	Ndok Marku	Latifi R. (USA)
Durim Bebeci	Nestor Thereska	Leynadier F. (France)
Dhimitër Kraja	Nikita Manoku	Loccatelli F. (Italy)
Edvin Prifti	Nikolla Kaçani	Light R. (USA)
Edmond Kapedani	Orion Gliozheni	Milliez J. (France)
Eduard Kakarriqi	Pal Xhumari	Ndrepepa Gj. (Germany)
Elsa Kone	Perlat Kapisyzi	Nuri B. (Canada)
Ermira Vasili	Pëllumb Pipero	Padrini P. (Italy)
Fedhon Meksi	Skerdi Prifti	Sala E. (United Kingdom)
Genc Sulcebe	Spiro Qirko	Yurdaydin C. (Turkey)
Gëzim Boçari	Ruzhdie Qafmolla	Van Hoff (Hollande)

Editor Office Manager
Alfred LESKAJ

Technical Editor
Ema HOXHA
Albana NEVIRI

Bulletin of Medical Sciences Editorial Office—Faculty of Medicine, Str. Dibra, 371, Tirana, Albania.: Tel/Fax++35542362710, E-mail: redaksia@fakultetimedikesise.edu.al / web:www.fakultetimedikesise.edu.al

The journal

Bulletin of Medical Sciences (ISSN: 2304-2354) is peer-reviewed journal published on behalf of Faculty of Medicine-University of Tirana.

Aims and Scope

Bulletin of Medical Sciences enables time-pressured physician to stay abreast of key advances and opinion in biomedical science in order to support clinicians and related healthcare professionals in continuously developing their knowledge, effectiveness and productivity. The journal comprises balanced and comprehensive articles, addressing the most important and salient development in the biomedical science.

Structure and Format

Bulletin of Medical Sciences is a quarterly journal comprises editorials, reviews, original articles, case reports, short report, ideas and opinions, book reviews, perspectives, seminars, symposium and mini-symposium, ethics and rights, health care policy and management, practice guides, and CME quizzes. The structure of each edition of the publication comprises section categories determined by Editor and reflects the views of the Editorial Board.

Editorial Expertise

Guidance from an Editorial Board consisting of leading authorities from a variety and respective fields of biomedical science. Peer review-conducted by expert appointed for their experience and knowledge of a specific topic.

Important notice for Author

All manuscript must be submitted to the Editorial Office through electronic post (E-mail: redaksia@fakultetimjekesise.edu.al). Please check the last page of each edition ——— "Instruction for Author". The work shall not be published elsewhere in any language without the written consent of the Bulletin of Medical Sciences. The articles published in this journal are protected by copyright, which cover translation rights and the exclusive right to reproduce and distribute all of the articles printed in the journal. No material published in the journal may be stored on microfilm or videocassettes or in electronic databases and the like or reproduced photographically without the prior written permission of Bulletin of Medical Science.

Permissions

For information on how to request permissions to reproduce articles/informations from this journal, please contact Editorial Office.

Advertising policies

The journal accepts display and classified advertising. Frequency discounts and special position are available. The journal reserves the right to reject any advertisement considered unsuitable according to the set policies of the journal. The appearance of advertising or product information in the various sections in the journal does not constitute an endorsement or approval by the journal and/or its publisher of the quality or value of the said product or of claims made for it by its manufacturer.

Disclaimer

The information and opinions presented in the Journal reflects the views of the author and not of the Journal or its Editorial Board or the Publisher. Publication does not constitute endorsement by the journal.

Subscriptions

Bulletin of Medical Sciences is published four time a year and is available on subscription. For further information contact Editorial Office.

Address: Faculty of Medicine, Str. Dibra, 371, Tirana, Albania.: Tel/Fax++35542362710,

Editorial Office: E-mail:redaksia@fakultetimjekesise.edu.al/web:www.fakultetimjekesise.edu.al

Table of Content

Letter from the Editor

Much has changed but there is need for more.....5

Medical University of Tirana and Academic reform challenges

Bajram HYSA.....6

Ideas and opinions

The Fall and Rise of Internal Medicine

Bashkim Resuli.....8

Ethics

Medical ethics "cuius region eius religio"

Mentor Petrela.....11

Call for applications.....13

Reviews

Renoprotective effects of vitamin D and renin-angiotensin system

Alketa Koroshi, Alma Idrizi.....14

Bidirectional relationship between epilepsy and psychiatric disorders

Artan Haruni, Marsela Haruni, Valentina Asabella, Gentian Vyshka.....20

Originals Articles

Optimum value of Mac during halothane inhalation anaesthesia

Majlinda Naço, Pirro Prifti, Haxhire Gani, Anna Mandi, Elizana Petrela, Alma Lluqaçaj26

Mix blood cardioplegia (MBC) in redo patients undergoing mitral valve replacement surgery

Saimir Kuçi, Alfred Ibrahim, Jonela Burimi, Arben Baboçi, Merita Zeka, Stavri Llazo, Ervin Bejko, Esmerilda Liço.....34

Prevalence of hepatitis C virus (HCV) infection in haemodialysis units

Dhurata Golemi, Etleva Musta, Fjona Riza, Nestor Thereska, Bashkim Resuli.....39

Adverse events of treatment of chronic hepatitis c with pegylated interferon and ribavirine

Anila Kristo, Jonila Çela, Ermira Osja, Jovan Basho.....44

Assessing the relationship between hei index and early childhood caries

Enida Petro, Ergyseyda Hoxha, Manola Kelmendi, Diana Brovina.....55

Surgical treatment of the complications of acute pancreatitis, our 3 years experience

Gjergji Andrea, Nikolla Kaçani, Rudin Domi, Elizana Petrela.....61

The role of the antibiotics in the wounds' infection

Ardian Dajti.....71

Utilization and costs of reimbursed inhaled β_2 -agonists in albania during the years 2008-2010

Alida Sina, Iris Hoxha.....79

Accurate diagnosis of some difficult cases of acute leukemia. Cytochemistry and immune-phenotype as important methods in this diagnosis

Teuta Dedej (Kurti), Viola Gjylameti.....88

Etiologic treatment of pandemic influenza

Entela Kolovani, Dhimitër Kraja, Ergys Ramasaço, Pëllumb Pipero, Arjan Harxhi, Najada Çomo, Arben Pilaca, Shkëlqim Kurti, Iris Hatibi, Eneda Sulaj.....95

Epidemiological data of congenital heart disease in our center

Numila Kuneshka, Loreta Teneqexhi, Elizana Petrela, Albert Koja, Anila Babameto, Arben Baboçi, Altin Veshti, Manisa Muçi, Irma Hajdari, Anita Pollozhani, Ilsa Mula.....101

Case report

Ischemic colitis associated with prothrombin 20210 gene mutation

Arben Ivanaj.....107

Survey

Knowledge on transfusion medicine among the students of the faculty of nursing at the university of Tirana

Tatjana Nurka, Robert Çina, Meri Gjinushi, Irena Kito, Irida Pano, Esmeralda Hoxha, Vjollca Hajro.....110

Symposia.....114

Instruction of authors.....125

Letter from the Editor

MUCH HAS CHANGED BUT THERE IS NEED FOR MORE

Health care is becoming increasingly complex across the globe; technology, deliver models, economic requirements, demographic and the epidemiology of diseases are changing at a rapid pace. Despite multiple efforts in defining common competencies and standards that all healthcare professionals should meet, it has become clear that education and training programs have to adjust the need to be accountable to society for products they produce.

Medical education has evolved to become a discipline in its own right. With demands on medical faculties to be socially responsible, there is now an increasing pressure for the professionalism of teaching practice. Albania is a relatively young country in medical educational term. However, based on his historical roots in the past, Albania medical education was adapted to changing circumstances through the ages. Although there were a number of innovations and reforms, we still face several challenges and critical issues caused by new health care standards.

In order to respond successfully to changes in health care and to produce a new breed of future doctors through effectively medical school reforms, Albanian Government has decided on 23.01.2013 (VKM Nr. 48) to improve, as soon as possible, educational strategies of high medical education beginning with transformation of actual Faculty of Medicine to a University of Medicine, composed of Medical, Dentistry, Pharmacy, Public Health and Medical Nursing Faculty. This essential and welcome structural improvement will enable to move from traditional teaching to integrated curricula, student directed learning, active participation and roles in practical education, to resolve the tension between “knowing” and “doing”, to consider diverse training methods and formats for students and residents, to reinforce research activity, to promote academic excellence, to conduct more rigorous program evaluations, to foster new partnership and collaborations and to ensure long-term retention of high quality medical services.

On behalf of editor-in-chief of the “Bulletin of Medical Science” I heartily would like to wish Prof. Dr. Jera Kruja, the appointed Rector of Albanian University of Medicine, to successfully proceed in fulfilling the multi-dimensional teaching, clinical and research reforms and to insist on higher standards of medical education. I am sure that thanks to the high academic, clinical and scientific profile and her long experience in direction of the high academic and hospital structures, Prof. Dr. Jera Kruja, together with respected professors of our Departments and Services will achieve the needed standards on high medical education.

Academician Bashkim RESULI