



Curriculum Vitae

- a. **Name** : Dr. Cosmas Rinaldi A. Lesmana
Sp.PD, KGEH, PhD, F.A.C.P, F.A.C.G, FINASIM
(Internist – Consultant Gastroenterology & Hepatology)
- b. **Date of Birth** : 8 September 1977
- c. **Internal Position** : Teaching Staff and senior consultant, Department of Internal
Medicine, Hepatobiliary Division, Cipto Mangunkusumo
Hospital, Medical Faculty Univ. Of Indonesia, Jakarta,
Indonesia
Research Coordinator Staff, Department of Internal
Medicine, Cipto Mangunkusumo Hospital, University of
Indonesia Jakarta, Indonesia
Senior Consultant Digestive Disease & GI Oncology Center,
Medistra Hospital, Jakarta, Indonesia
- d. **External Position** : Asia Pacific Association for The Study of The Liver
(APASL) Executive Council Member (2014-2017)
Chairman Foreign Affairs of Indonesian
Association for The Study of The Liver (InaSL)
Member of Asian Endoscopic Ultrasound (AEG) Group
- e. **Education** :
- 1995- 2001 : Medical Doctor, Medical Faculty Diponegoro University,
Semarang, Indonesia
 - 2002- 2006 : Internal Medicine, Dept. of Internal Medicine, Cipto
Mangunkusumo Hospital, Univ. of Indonesia, Jakarta
 - 2008- 2010 : Gastroenterohepatology Fellowship, Dept. of Internal
Medicine, Cipto Mangunkusumo Hospital, Univ. of Indonesia, Jakarta
 - 2008-2012 : Ph.D, Medical Faculty University of Indonesia, Jakarta in
collaboration with Victorian Infectious Disease Reference Laboratory, North
Melbourne, Australia

Additional Short course training and Observership Programme

- 2006 Observership Programme in Dept. of Internal Medicine and Dept.
of Gastroenterology & Hepatology, National University Hospital
(NUH), Singapore. **Mentor: Prof. Lawrence Ho Khek Yu and
Prof. Lim Seng Gee**

- 2007 Hands-on basic and advanced endoscopic training (Asian Institute of Gastroenterology, Hyderabad, India). **Mentor: Dr. Nageshwar Reddy**
- 2008 Observership Programme in Dept. Interdisciplinary of Endoscopy, Hamburg, Germany. **Mentor: Prof. Nib Soehendra**
- 2008 Observership Programme in Dept. of Gastroenterology and Hepatology, Academich Medisch Centrum (AMC), University of Amsterdam, The Netherlands. **Mentor: Prof. Joep Bartelsman**
- 2008 Fibroscan training (Hopital Haut Leveaque, Bordeaux, France). **Mentor: Prof. Laurent Castera**
- 2009 Short Training Course on Quantification of Intrahepatic Hepatitis B Virus Intermediates by Real Time PCR (Victorian Infectious Disease Reference Laboratory, Melbourne, Australia). **Mentor: Prof. Stephen Locarnini and Prof. Scott Bowden**
- 2010 8th Asia Pacific Basic Hands-on EUS Course, Singapore
- 2011 Clinical and Advanced Interventional Procedures in Hepatobiliary (Institute of Liver & Biliary Sciences, New Delhi, India). **Mentor: Prof. Shiv K. Sarin**
- 2014 Basic Hands-on EUS short training (Asian Institute of Gastroenterology, Hyderabad, India). **Mentor: Dr. Sundeep Lakhtakhia and Dr. Rajesh Gupta**
- 2015 Advanced Hands-on EUS training (Baldota Institute of Digestive Sciences, Global Hospital, Mumbai, India). **Mentor: Dr. Vinay Dhir**

International Awards

- 2005 4th rank Young Investigator Award APASL (Asian Pacific Association for The Study of The Liver) Bali, Indonesia
- 2008 AASLD-APASL Award in APASL Seoul, Korea
- 2010 Young Investigator Award APASL Beijing, China
- 2010 Travel Grant Award 4th Meeting of The Society Gastrointestinal Intervention (SGI), Seoul, Korea
- 2012 Travel Grant Award at United European Gastroenterology Week, Amsterdam, Netherlands
- 2012 AASLD Presidential Poster of Distinction, Boston, USA
- 2015 Travel Grant Award at APDW, Taipei, Taiwan

f. Job history

- 2007- now Teaching staff, Dept. Of Internal Medicine, Hepatobiliary Division, Cipto Mangunkusumo Hospital, Medical Faculty Univ. Of Indonesia
- 2008-now Internal Medicine and GI consultant doctor at Digestive Disease & GI Oncology Center, Medistra Hospital, Jakarta
- 2012-now GI consultant at Liver-GI Center, MRCCC (Mochtar Riyadi Comprehensive Cancer Center) Siloam Hospital, Jakarta

g. **International Membership:**

2008 – now Asia Pacific Association for The Study of The Liver (APASL)
2009 – now American College of Physician (ACP) / **Fellow (since 2011)**
2015 - now American College of Gastroenterology (ACG) / **Direct Fellow**

h. **Publications: (Author/co-author)**

- **Lesmana CR**, Harris A, Kooshartoro A, Poerniati K, Hukom R, Czeresna HS, Lesmana LA. **Hepatic cirrhosis caused by Caroli disease. Acta Med Indones. 2005 Jan-Mar; 37(1):33-35. [Pubmed]**
- **Lesmana CR**, Lesmana LA, Akbar N, Gani RA, Simandjuntak W, Oemardi M, Soejono CH, Marwoto W, Juwono V. **Clinical Pictures, Insulin Resistance, and Adipocytokines Profiles of Nonalcoholic Steatohepatitis (NASH) Patients in Indonesia. Acta Med Indones. 2009 Jan; 41(1):6-10. [Pubmed]**
- **Lesmana CR**, Hasan I, Budihusodo U, Gani RA, Krisnuhoni E, Akbar N, Lesmana LA. **Diagnostic Value of A Group of Biochemical Markers of Liver Fibrosis in Patients with Non-Alcoholic Steatohepatitis (NASH). J Dig Dis. 2009 Aug; 10(3):201-6. [Pubmed]**
- **Lesmana CR**, Inggriani S, Cahyadinata L, Lesmana LA. **Deep Vein Thrombosis in Patients with Advanced Liver Cirrhosis: A rare condition?. Hepatol Int. 2010 Jan 30;4(1):433-8. [Pubmed]**
- Omata M, Lesmana LA, Tateishi R, Chen PJ, Lin SM, Yoshida H, Kudo M, Lee JM, Choi BI, Poon RT, Shiina S, Cheng AL, Jia JD, Obi S, Han KH, Jafri W, Chow P, Lim SG, Chawla YK, Budihusodo U, Gani RA, **Lesmana CR**, Putranto TA, Liaw YF, Sarin SK. **Asia Pacific Associations for the study of the liver consensus recommendations on hepatocellular carcinoma. Hepatol Int. 2010 Mar 18; 4(2): 439-74. [Pubmed]**
- **Lesmana CR**, Salim S, Hasan I, Sulaiman AS, Gani RA, Pakasi LS, Lesmana LA, Krisnuhoni E, Budihusodo U. **Diagnostic accuracy of transient elastography (FibroScan) versus the aspartate transaminase to platelet ratio index in assessing liver fibrosis in chronic hepatitis B: The role in primary care setting. J Clin Pathol 2011 Oct; 64(10): 916-20. [Pubmed]**
- **Lesmana CR**, Gani RA, Hasan I, Simadibrata M, Sulaiman AS, Pakasi LS, Budihusodo U, Krisnuhoni E, Lesmana LA. **Significant hepatic histopathology in chronic hepatitis B patients with serum alanine aminotransferase (ALT) less than 2 × ULN and high hepatitis B virus (HBV) DNA levels in Indonesia. J Dig Dis 2011 Dec; 12(6): 476-80. [Pubmed]**
- Lesmana LA, **Lesmana CR**, Pakasi LS, Krisnuhoni E. **Prevalence of hepatic steatosis in chronic hepatitis B patients and its association with disease severity. Act Med Ind 2012 Jan; 44(1): 35-9. [Pubmed]**

- Bayliss J, Nguyen T, **Lesmana CR**, Bowden S, Reville P. **Advances in the molecular diagnosis of hepatitis B infection: providing insight into the next generation of disease.** *Semin Liver Dis* 2013 May; 33(2): 113-21. [Pubmed]
- **Lesmana CR**, Jackson K, Lim SG, Sulaiman A, Pakasi LS, Gani RA, et al. **Clinical significance of hepatitis B virus (HBV) virion and subviral particles (SVP) productivity: Relationship between intrahepatic and serum markers in chronic hepatitis B patients.** *UEGJ* 2014; 2(2): 99-107. [Pubmed]
- Singh R, Joyanna M, Wong J, Lim LG, Zhang J, Lu J, Lin D, Lee YC, Han ML, Tseng PH, Namasivayam V, Banerjee R, Uedo N, Chan WK, Ho SH, Chen SY, Bhatia S, Funasaka K, Ando T, Wu J, **Lesmana C**, Tan W, Wang WL, Cheng CY, Jung HY, Jung KW, Bestari MB, Yao K, Chong VH, Sharma P, Ho KY. **Narrow-band imaging and white-light endoscopy with optical magnification in the diagnosis of dysplasia in Barrett's esophagus: results of the Asia-Pacific Barrett's Consortium.** *Endoscopy International Open.* DOI <http://dx.doi.org/10.1055/s-0034-1377610>. [Pubmed]
- Sudoyo AW, **Lesmana CR**, Krisnuhoni E, Pakasi LS, Cahyadinata L, Lesmana LA. **Detection Rate of Colorectal Adenoma or Cancer in Unselected Colonoscopy Patients: Indonesian Experience in a Private Hospital.** *Asian Pac J Cancer Prev*, 15 (22), 9801-9804. [Pubmed]
- Lim SG, Amarapurkar DN, Chan HLY, Crawford DH, Gane EJ, Han KH, Ahn SH, Jafri W, Jia JD, Lesmana LA, **Lesmana CR**, Mohamed R, Phiet PH, Piratvisuth T, Sarin SK, Sollano JD, Eguchi Y, Al Mahtab M, Lee KH. **Reimbursement policies in the Asia-Pacific for chronic hepatitis B.** *Hepatol Int* (2015) 9:43-51. [Pubmed]
- **Lesmana CR**, Pakasi LS, Inggriani S, Aidawati ML, Lesmana LA. **Development of Non-Alcoholic Fatty Liver Scoring among medical checkup patients: A large cross sectional and prospective validation study.** *Diabetes, Metab Syndr and Obes* (2015) 23(8):213-8. [Pubmed]
- **Lesmana CR**, Ho KY, Lesmana LA. **Impact of Endoscopic Ultrasound (EUS) Procedures in Various Pancreatico-Biliary Disorders in Indonesia based on Case Series in a Private Hospital.** *Case Rep Gastroenterol* (2015) 9(2):206-14. [Pubmed]
- **Lesmana CR**, Pakasi LS, Inggriani S, Aidawati ML, Lesmana LA. **Prevalence of Non-Alcoholic Fatty Pancreas Disease (NAFPD) and its risk factors among adult medical check-up patients in a private hospital: a large cross-sectional study.** *BMC Gastroenterol* (2015) 15(1):174. [Pubmed]
- Gani RA, Suryamin M, Hasan I, **Lesmana CR**, Sanityoso A. **Performance of Alpha Fetoprotein in Combination with Alpha-1-acid Glycoprotein for Diagnosis of Hepatocellular Carcinoma Among Liver Cirrhosis Patients.** *Acta Med Indones* (2015) 47(3):216-22. [Pubmed]

- Maruyama H, Shiha G, Yokosuka O, Kumar A, Sharma BC, Ibrahim A, Saraswat V, **Lesmana CR**, Omata M. **Non-invasive assessment of portal hypertension and liver fibrosis using contrast-enhanced ultrasonography.** *Hepatol Int* (2015) DOI 10.1007/s12072-015-9670-9. [Pubmed]
- **Lesmana CRA**, Jackson K, Hammond R, Bowden S, Lesmana LA, Pakasi LS, Krisnuhoni E, Gani RA, Hasan I, Sulaiman AS. **The Association Among Serum Quantitative Hepatitis B Surface Antigen (qHBsAg), Intrahepatic HBV Markers and Liver Fibrosis in Chronic Hepatitis B (CHB) Patients.** *J Liver Res Disord Ther* (2015) 1(2): 00007.
- **Lesmana CR**, Cahyadinata L, Pakasi LS, Lesmana LA. **Efficacy of Prothrombin Complex Concentrate Treatment in Patients with Liver Coagulopathy Who Underwent Various Invasive Hepatobiliary and Gastrointestinal Procedures.** *Case Rep Gastroenterol* (2016) 10(2):315-22. [Pubmed]
- **Lesmana CRA**, Simandjuntak W, Lesmana LA. **Hyperbilirubinemia as a Post-Sphincterotomy Bleeding Risk during Endoscopic Retrograde Cholangio-Pancreatography (ERCP) Procedure in Normal Hemostasis Profile Patients.** *Gastroenterol Pancreatol Liver Disord* (2016) 3(5): 1-3.
- Nursalim A, Madina UU, **Lesmana CR**. **The Role of Probiotic in Reducing Hepatic Inflammation Among NAFLD Patients: an Evidence-based Case Report.** *Acta Med Indones* (2016) 48(4):327-34. [Pubmed]
- **Lesmana CRA**, Gani RA, Hasan I, Sulaiman AS, Lesmana LA. **Therapeutic Interventional Endoscopic Ultrasound Based on Rare Cases in Indonesia: A Single-center Experience in Unselected Patients.** *Case Rep Gastroenterol* (2017) 28;11(1):72-7. [Pubmed]
- Omata M, Cheng AL, Kokudo N, Kudo M, Lee JM, Jia J, Tateishi R, Han KH, Chawla YK, Shiina S, Jafri W, Payawal DA, Ohki T, Ogasawara S, Chen PJ, **Lesmana CRA**, Lesmana LA, Gani RA, Obi S, Dokmeci AK, Sarin SK. **Asia-Pacific clinical practice guidelines on the management of hepatocellular carcinoma: a 2017 update.** *Hepatol Int* (2017) 11(4):317-70. [Pubmed]
- Gani RA, Hasan I, Sanityoso A, **Lesmana CRA**, Kurniawan J, Jasirwan COM, Kalista KF, Lutfie L. **Evaluation of Acoustic Radiation Force Impulse (ARFI) for Fibrosis Staging in Chronic Liver Diseases.** *Acta Med Indones* (2017) 49(2):128-35. [Pubmed]

i. **International Presentations: (Abstract accepted & Invited Speaker)**

- **Insulin Resistance, TNF-alpha, and Adiponectin Levels in Non-Alcoholic Steatohepatitis (NASH) Patients in Indonesia (Oral Presentation, APASL Bali 2005)**
- **Clinical Pictures, Insulin Resistance, and Adipocytokines Profiles of NASH Patients in Indonesia (Oral Presentation, APASL Kyoto, Japan 2007)**

- **Deep Vein Thrombosis (DVT) in Patients with Advanced Liver cirrhosis: A rare condition? (Poster Presentation, APASL Seoul, Korea 2008)**
- **Correlation between non-invasive markers with liver fibrosis in NASH patients (Oral Presentation, APASL Seoul, Korea 2008)**
- **Treatment of Chronic Hepatitis B Patients with Normal Alanine Aminotransferase Level Using Nucleoside Analogues: A preliminary study with results at 1 year (Poster Presentation, APASL Hongkong 2009)**
- **Characteristics of Patients with Acute on Chronic Liver Failure in Jakarta, Indonesia (Poster Presentation, APASL Beijing 2010)**
- **Diagnostic Accuracy of Transient Elastography vs Aspartate Transaminase to Platelet Ratio Index in assessing liver fibrosis in Chronic Hepatitis B Patients: Preliminary Data (Oral Presentation, APASL Beijing 2010)**
- **Clinical aspects of Hepatocellular Carcinoma in a single hospital in Jakarta (Oral Presentation, APASL Beijing 2010)**
- **Challenges to control Hepatocellular Carcinoma in Indonesia: Lecture (Invited Speaker, Asia Pacific Primary Liver Cancer Expert Meeting, Incheon, Korea 2010)**
- **Effectiveness Hepatitis B Virus (HBV) Vaccination in Indonesia (Invited Speaker, International Symposium on Viral Disease Control and Management, Jakarta, Indonesia 2010)**
- **Unilateral vs Bilateral Drainage in Patients with Advanced Malignant Hilar Cholangiocarcinoma (Poster Presentation, APDW Malaysia 2010)**
- **Histopathological findings in chronic hepatitis B patients with ALT less than 2x ULN and Its correlation with various clinical variables (Poster Presentation, APDW Malaysia 2010)**
- **Characteristics and Management of Difficult Common Bile Duct Stones: A Single Center Experience (Poster Presentation, Meeting of The Society Gastrointestinal Intervention, Seoul, Korea 2010)**
- **The correlation of Quantitative Serum HBsAg and HBV DNA levels in Chronic Hepatitis B Patients in Indonesia with Regard to HBeAg status (Poster Presentation, APASL Bangkok, Thailand 2011)**
- **Clinical Presentation and Management of Patients with Cholangiocarcinoma (Poster Presentation, APASL Bangkok, Thailand 2011)**
- **Significant liver histopathology in CHB patients with normal ALT and high HBV DNA (Invited speaker, 1st Asia Pacific Perspective on Hepatitis Forum, Ho Chi Minh City, Vietnam 2011)**
- **Liver Stiffness Measurement using New (XL) probe in High Body Mass Index (BMI) Subjects with and without Chronic Liver Disease: a Single Center Experience (Poster Presentation at American Association For The Study for The Liver Disease/AASLD meeting, San Francisco, USA 2011)**
- **Clinical significance of intestinal lymphoid follicle hyperplasia found during colonoscopy (Poster Presentation, APDW Singapore 2011)**
- **The presence of colonic polyps and its association with other clinical factors (Poster Presentation, APDW Singapore 2011)**

- **Association between hepatitis B virus deoxyribonucleic acid (HBV-DNA) levels and liver histopathology in chronic hepatitis B patients (Poster Presentation, APDW Singapore 2011)**
- **Association of quantitative serum hepatitis B surface antigen (qHBsAg), intrahepatic cccDNA and hepatic fibrosis in chronic hepatitis B patients (Oral Presentation/Plenary Session, APASL Taipei, Taiwan 2012)**
- **Histological improvement, virological and cytokines response after one year treatment with newer nucleoside analogue in chronic hepatitis B patients (Poster Presentation, APASL Taipei, Taiwan 2012)**
- **The predominant IL28B genotype in Indonesia is C/C (rs12979860) (Poster Presentation, APASL Taipei, Taiwan 2012)**
- **Clinical Significance of Virion Productivity and Replicative Activity in Chronic Hepatitis B Patients (Oral Presentation, UEGW Amsterdam, Netherlands 2012)**
- **Telbivudine therapy has little impact on intrahepatic hepatitis B virus (HBV) replicative activity despite reduction in levels of intrahepatic HBV DNA and serum HBV markers (Poster Presentation, AASLD, Boston, USA 2012)**
- **Does serum HBV DNA predict intrahepatic virion productivity? (Poster Presentation, AASLD, Boston, USA 2012)**
- **Therapeutic Vaccine in HBV Infection in The New Antiviral Era (Invited Speaker, 6th Hepatology and Gastroenterology Post Graduate Course, Cairo, Egypt 2013)**
- **Bad Virus and Immune Therapy: Fairytale or True Story? (Invited Speaker, 6th Hepatology and Gastroenterology Post Graduate Course, Cairo, Egypt 2013)**
- **Hepatitis Infection in Indonesia. (Invited Speaker, APASL 2015, Istanbul, Turkey).**
- **Development of non-alcoholic fatty liver disease scoring system for adult patients in Asian Population (Oral Presentation, APASL 2015, Istanbul, Turkey).**
- **Management of HCV/HIV Co-Infection (Invited Speaker, APASL 2016, Tokyo, Japan).**
- **Clinical Pattern of HCC in a single hospital (Oral Presentation, APASL 2016, Tokyo, Japan).**
- **Recent Progress in CEUS For Portal Hypertension Assessment (Invited Speaker, APASL 2017, Shanghai, China).**
- **Non-Alcoholic Fatty Pancreas Disease (NAFPD) as A Risk Factor for Pancreatic Cancer based on Endoscopic Ultrasound (EUS) Examination: A Single Center Experience (Poster Presentation, Digestive Disease Week (DDW) 2017, Chicago, USA).**