

DAFTAR PUSTAKA

- American College of Sports Medicine. 2013. ACSM Resource Manual for Guideline for Exercise Testing and Prescription. Wolters Kluwer. Lippincott Williams & Wilkins. 575 - 599.
- American Thoracic Society. 2003. ATS Statement on Cardio Pulmonary Exercise Testing. 75-99. *Journal of Respiratory Critical Care Med.* 167: 1451–1452.
- Archer S.L., Michelakis E.D. (2009). Phosphodiesterase type 5 inhibitors for pulmonary arterial hypertension. *N Engl J Med*, 361, 1864–1871.
- Arena, R., Cahalin, E.T., Borghi-Silva, A. 2015. The effect of exercise training on the pulmonary arterial system in patients with pulmonary hypertension. *Prog Cardiovasc Dis*, 57, 480-8.
- Arena, R., Lavie, C., Milani, R., Myers, J., Guazzi, M. 2010. Cardiopulmonary Exercise Testing in Patients with Pulmonary Arterial Hypertension. *The Journal of Heart and Lung Transplantation*; 29:159–173.
- Bakker E.N., Matlung H.L., Bonta P., De Vries C.J., Van Rooijen N., Vanbavel E. 2008. Blood flow-dependent arterial remodeling is facilitated by inflammation but directed by vascular tone. *Cardiovascular Research*, 78, 341-348
- Babu, A.S., Padmakumar, R., Maiya, A.G. 2016. Effects of exercise training on exercise capacity in pulmonary arterial hypertension: a systematic review of clinical trials. *Heart Lung Circ*, 25, 333-41.
- Babu, AS., Ross, A., Morris, N. 2017. Evidence exercise training on Pulmonary hypertension. Exercise for Cardiovascular Disease Prevention and Treatment, *Journal of Advances in Experimental Medicine and Biology*
- Berghaus, T.M., Kutsch, J., Faul1, C., Scheidt, W.V., Schwaiblmair, M. 2017. The association of N-terminal pro-brain-type natriuretic peptide with hemodynamics and functional capacity in therapy-naïve precapillary pulmonary hypertension: results from a cohort study. *BMC Pulmonary Medicine*, 17:167.
- Bussotti, M., Gremigni, P., Pedretti, R.F.E. 2017. Effects of an outpatients service rehabilitation programme in patients affected by pulmonary arterial hypertension: an observational study. *Cardiovasc Hematol Disord Drug Target*, 17, 3-10.
- Casperson, C.J., Powell, K.E., Christenson, G.M. 1985. Physical activity, exercise, and physical fitness: definitions and distinctions for health-related research. *Public Health Reports*, 126-131.
- Chia, K., Wong, P., Faux, S. G., McLachlan, C., Kotlyar, E. 2017. The benefit of exercise training in pulmonary hypertension: a clinical review. *Internal Medicine Journal*, 47(4), 361–369.
- Demir, R., Küçüköğlü, M. S. 2015. Six-minute walk test in pulmonary arterial hypertension. *Anatolian Journal of Cardiology*, 15(3), 249–254.
- Diller G.P., Gatzoulis M.A.. 2007. Pulmonary vascular disease in adults with congenital heart disease. *Circulation*. 115, 1039-1050.
- Dinarti L. K., Hartopo A.B., Anggrahini D.W., Sadewa A.H., Wahab A.S., Setianto B.Y. 2016. Clinical characteristics of adult uncorrected secundum atrial septal

- defect: a pilot study. *J Med Sci.* 48(2), 89-97.
- D'Alto M., Merola A., Dimopoulos K. 2015. Pulmonary hypertension related to congenital heart disease: A comprehensive review. *Global Cardiology Science and Practice*:42
- Ehlken, N., Verduyn, C., Tiede, H. 2014. Economic evaluation of exercise training in patients with pulmonary hypertension. *Lung*, 192, 359-66.
- Engelfriet P.M., Duffels M.G.J., Mo'ller T., Boersma E., Tijssen J.G.P., Thaulow E., Gatzoulis M.G., Mulder B.J.M. 2007. Pulmonary arterial hypertension in adults born with a heart septal defect: the Euro Heart Survey on adult congenital heart disease. *Heart*; 93, 682–687.
- Farina, S., Correale, M., Bruno, N., Paolillo, S., Salvioni, E., Badagliacca, R. “Right and Left Heart Failure Study Group” of the Italian Society of Cardiology. 2018. The role of cardiopulmonary exercise tests in pulmonary arterial hypertension. *European Respiratory Review: An Official Journal of the European Respiratory Society*, 27(148), 170134.
- Fox, B.D., Kassirer, M., Weiss, I., Raviv, Y., Peled, N., Shitrit, D., Kramer, M.R. 2011. Ambulatory rehabilitation improves exercise capacity in patients with pulmonary hypertension. *Journal of Cardiac Failure*, 17: 196-200.
- Galiè, N., Simonneau, G. 2013. The fifth world symposium on pulmonary hypertension. *Journal of the American College of Cardiology*, 62(25 SUPPL.), D1–D3.
- Galiè, N., Hoeper, M.M., Humbert, M., Vachiery, J.L., Gibbs, S., Lang, I., Torbicki, A., Simonneau, G., Peacock, A., Noordegraaf, A.V., Beghetti, M., Ghofrani, A., Sanchez, M.A.G., Hansmann, G., Klepetko, W., Lancellotti, P., Matucci, M., McDonagh, T., Pierard, L.A., Trindade, P.T., Zompatori, A., Hoeper, M. 2015. Guidelines for the diagnosis and treatment of pulmonary hypertension: the Task Force for the Diagnosis and Treatment of Pulmonary Hypertension of the European Society of Cardiology (ESC) and the European Respiratory Society (ERS), endorsed by the International Society of Heart and Lung Transplantation (ISHLT). *European Heart Journal*, 5-47.
- Geva, T., Martins, J. D., & Wald, R. M. 2014. Atrial septal defects. *The Lancet*, 383(9932), 1921–1932.
- Ghofrani, H. A., Richter, M. J., Grimminger, J., Kru, B., Mooren, F. C., Gall, H., et al. 2017. Effects of exercise training on pulmonary hemodynamics, functional capacity and inflammation in pulmonary hypertension. *BMJ*, 1338-46.
- Greyson, C. R. 2010. *The Right Ventricle and Pulmonary Circulation: Basic Concepts*. *Rev Esp Cardiol* (Vol. 63).
- Gu, S., Hu, H., & Dong, H. 2016. Systematic Review of Health-Related Quality of Life in Patients with Pulmonary Arterial Hypertension. *PharmacoEconomics*, 34(8), 751–770.
- Goldstein, R.S., Gort, E.H., Stubbing, D. 1994. Randomised controlled trial of respiratory rehabilitation. *Lancet*, 344, 1394-7.
- Hall, C. 2005. NT-ProBNP: The Mechanism Behind the Marker. *Journal of Cardiac Failure*. 11(5):S81-83.

- Haque S., Khan L.R., Mahmud R.S., Faruq, Chowdury A.W., Ali M.S. 2016. Pulmonary Artery Pressure Profile in Atrial Septal Defect Patients. *Bangladesh Heart Journal*;30(1):27-28.
- Hoeper, M. M., Humbert, M., Souza, R., Idrees, M., Kawut, S. M., Sliwa-Hahnle, K., Gibbs, J. . 2016. A global view of pulmonary hypertension. *The Lancet Respiratory Medicine*, 4(4), 306–322.
- Humbert M., Sitbon O., Simonneau G. 2004. Treatment of Pulmonary Arterial Hypertension. *N Engl J Med*, 351,1425-36
- Keusch, S., Turk, A., Saxer, S., Ehlken, N., Grunig, E., & Ulrich, S. 2017. Rehabilitation in patients with pulmonary arterial hypertension. *Swiss Medical Weekly*, 147(July), 1–5.
- Keusch, S., Turk, A., Saxer, S., Ehlken, N., Grunig, E., & Ulrich, S. 2017. Rehabilitation in patients with pulmonary arterial hypertension. *Swiss Medical Weekly*, 147(July), 1–5.
- Kuhr F.K., Smith K.A., Song M.Y., Levitan I., Yuan J.X.J. 2012. New mechanisms of pulmonary arterial hypertension: role of Ca^{2+} signaling. *Am J Physiol Heart Circ Physiol*, 302, H1546–H1562.
- Kuziemski, K., Słomiński, W., Jassem, E. 2019. Impact of diabetes mellitus on functional exercise capacity and pulmonary functions in patients with diabetes and healthy persons. *BMC Endocrine Disorders*, 19: 2.
- La Gerche, A., Claesen, G., Van de Bruaene, A. 2013. Cardiac MRI: a new gold standard for ventricular volume quantification during high-intensity exercise. *Circ cardiovasc Imaging*, 6, 329-38.
- Ley S., Fink C., Risse F., Ehlken N., Fischer C., Zaporozhan J.L., Kauczor H. U., Klose H., Grunig E. 2013. Magnetic resonance imaging to assess the effect of exercise training on pulmonary perfusion and blood flow in patients with pulmonary hypertension. *Eur Radiol*, 23: 324-331.
- Liu, H. long, Chen, X. yan, Li, J. ru, Su, S. wen, Ding, T., Shi, C. xia, Zhu, Z. ning. 2016. Efficacy and Safety of Pulmonary Arterial Hypertension-specific Therapy in Pulmonary Arterial Hypertension: A Meta-analysis of Randomized Controlled Trials. *Chest*, 150(2), 353–366.
- Lilly, S.L. 2011. Pathophysiology of Heart Disease, 5th Ed. Lippincott Williams.
- Lowe, B. S., Therrien, J., Ionescu-Ittu, R., Pilote, L., Martucci, G., & Marelli, A. J. 2011. Diagnosis of pulmonary hypertension in the congenital heart disease adult population: Impact on outcomes. *Journal of the American College of Cardiology*, 58(5), 538–546.
- Marra, A. M., Arcopinto, M., Bossone, E., Ehlken, N., Cittadini, A., & Grünig, E. 2015. Pulmonary arterial hypertension-related myopathy: An overview of current data and future perspectives. *Nutrition, Metabolism and Cardiovascular Diseases*, 25(2), 131–139.
- Mereles, D., Ehlken, N., Kreuscher, N. 2006. Exercise and respiratory training improve exercise capacity and quality of life in patients with severe chronic pulmonary hypertension. *Circulation*, 114, 1482-9.
- Nusdwinuringtyas, N., Laksmi, W., Bachtiar, A. 2011. Healthy adults maximum oxygen uptake prediction from six minute walking test. *Med J Indones*, 20, 195-200.
- Post, M. C. 2013. Association between pulmonary hypertension and an atrial septal

- defect. *Netherlands Heart Journal*, 21(7–8), 331–332.
- Rich, J. D., Rich, S. 2014. Clinical diagnosis of pulmonary hypertension. *Circulation*, 130(20), 1820–1830.
- Ries, A.L., Bauldoff, G.S., Carlin, B.W. 2007. Pulmonary rehabilitation: oint ACCP/AACVPR evidence based clinical practise guidelines. *Chest*, 131, 4S–42S.
- Rojas, C.A., El-Sherief, A., Medina, H.M., Chung, J.H., Choy, G., Ghoshhajra, B.B., Abbara, S. 2010. Embryology and Developmental Defects of the Interatrial Septum. *American Journal of Roentgenology*. 195(5), 1100–1104.
- Sahni, S., Capozzi, B., Iftikhar, A., Sgouras, V., Ojrzanowski, M., & Talwar, A. 2015. Pulmonary rehabilitation and exercise in pulmonary arterial hypertension: An underutilized intervention. *Journal of Exercise Rehabilitation*, 11(2), 74–79.
- Simonneau, G., Montani, D., Celermajer, D.S., Denton, C.P., Gatzoulis, M.A., Krowka, M., Williams, P.G., Souza, R. 2019. Haemodynamic definitions and updated clinical classification of pulmonary hypertension. *Eur Respir J*, 53, 1801913.
- Sommer, R.J., Hijazi, Z.M., Rhodes, J.F. 2008. Pathophysiology of Congenital Heart Disease in the Adult. *Circulation*, 117, 1090–1099.
- Tadic, M., Ivanovic, B. 2014. Why is functional capacity decreased in hypertensive patients? From mechanisms to clinical studies. *J Cardiovasc Med*, 15:447–455.
- Tran, D. L., Lau, E. M. T., Celermajer, D. S., Davis, G. M., & Cordina, R. 2018. Pathophysiology of exercise intolerance in pulmonary arterial hypertension. *Respirology*, 23(2), 148–159.
- Tsuboi, Y., Tanaka, H., Nishio, R., Sawa, T., Terashita, D., Nakayama, K. Hirata, K. I. 2017. Associations of Exercise Tolerance with Hemodynamic Parameters for Pulmonary Arterial Hypertension and for Chronic Thromboembolic Pulmonary Hypertension. *Journal of Cardiopulmonary Rehabilitation and Prevention*, 37(5), 341–346.
- Ursula, P.R.S, Stephano, F.S.M., João, L.P.G., Silveira, A.C., Nóbrega, C. 2017. Advances in Experimental Medicine and Biology - Exercise Training and Epigenetic Regulation: Multilevel Modification and Regulation of Gene Expression, 281–322.
- Vaillancourt, M., Chia, P., Sarji, S., Nguyen, J., Hoftman, N., Ruffenach, G., Eghbali, M., Mahajan, A., Umar, S. 2017. Autonomic Nervous Sistem Involvement in Pulmonary Arterial Hypertension. *Respiratory Research*. 18:201.
- Vecchia, L.A.D., Bussotti, M. (2018). Exercise training in pulmonary arterial hypertension. *Journal of Thoracic Disease*, 388–45.
- Voelkel, N. F. 2012. Pathobiology of Pulmonary Arterial Hypertension and Right Ventricular Failure. *Eur Resp Journal*, 1555–65
- Vonk, M.C., Sander, M.H., Van Den Hoogen, F.H. 2007. Right ventricle Tei-index: a tool to increase the accuracy of non invasive detection of pulmonary arterial hypertension in connective tissue disease. *Eur J Echocardiography*. 8, 317–21.

- Chia, K., Wong, P., Faux, S. G., McLachlan, C., Kotlyar, E. 2017. The benefit of exercise training in pulmonary hypertension: a clinical review. *Internal Medicine Journal*, 47(4), 361–369.
- Demir, R., Küçükoğlu, M. S. 2015. Six-minute walk test in pulmonary arterial hypertension. *Anatolian Journal of Cardiology*, 15(3), 249–254.
- Diller G.P., Gatzoulis M.A.. 2007. Pulmonary vascular disease in adults with congenital heart disease. *Circulation*. 115, 1039-1050.
- Dinarti L. K., Hartopo A.B., Anggrahini D.W., Sadewa A.H., Wahab A.S., Setianto B.Y. 2016. Clinical characteristics of adult uncorrected secundum atrial septal defect: a pilot study. *J Med Sci*. 48(2), 89-97.
- D'Alto M., Merola A., Dimopoulos K. 2015. Pulmonary hypertension related to congenital heart disease: A comprehensive review. *Global Cardiology Science and Practice*:42
- Ehlken, N., Verduyn, C., Tiede, H. 2014. Economic evaluation of exercise training in patients with pulmonary hypertension. *Lung*, 192, 359-66.
- Engelfriet P.M., Duffels M.G.J., Mo'ller T., Boersma E., Tijssen J.G.P., Thaulow E., Gatzoulis M.G., Mulder B.J.M. 2007. Pulmonary arterial hypertension in adults born with a heart septal defect: the Euro Heart Survey on adult congenital heart disease. *Heart*; 93, 682–687.
- Farina, S., Correale, M., Bruno, N., Paolillo, S., Salvioni, E., Badagliacca, R. “Right and Left Heart Failure Study Group” of the Italian Society of Cardiology. 2018. The role of cardiopulmonary exercise tests in pulmonary arterial hypertension. *European Respiratory Review: An Official Journal of the European Respiratory Society*, 27(148), 170134.
- Galiè, N., Simonneau, G. 2013. The fifth world symposium on pulmonary hypertension. *Journal of the American College of Cardiology*, 62(25 SUPPL.), D1–D3.
- Galiè, N., Hoeper, M.M., Humbert, M., Vachiery, J.L., Gibbs, S., Lang, I., Torbicki, A., Simonneau, G., Peacock, A., Noordegraaf, A.V., Beghetti, M., Ghofrani, A., Sanchez, M.A.G., Hansmann, G., Klepetko, W., Lancellotti, P., Matucci, M., McDonagh, T., Pierard, L.A., Trindade, P.T., Zompatori, A., Hoeper, M. 2015. Guidelines for the diagnosis and treatment of pulmonary hypertension: the Task Force for the Diagnosis and Treatment of Pulmonary Hypertension of the European Society of Cardiology (ESC) and the European Respiratory Society (ERS), endorsed by the International Society of Heart and Lung Transplantation (ISHLT). *European Heart Journal*, 35-47.
- Geva, T., Martins, J. D., & Wald, R. M. 2014. Atrial septal defects. *The Lancet*, 383(9932), 1921–1932.
- Ghofrani, H. A., Richter, M. J., Grimminger, J., Kru, B., Mooren, F. C., Gall, H., et al. 2017. Effects of exercise training on pulmonary hemodynamics, functional capacity and inflammation in pulmonary hypertension. *BMJ*, 1338-46.
- Greyson, C. R. 2010. *The Right Ventricle and Pulmonary Circulation: Basic Concepts*. *Rev Esp Cardiol* (Vol. 63).
- Gu, S., Hu, H., & Dong, H. 2016. Systematic Review of Health-Related Quality of

- Life in Patients with Pulmonary Arterial Hypertension. *PharmacoEconomics*, 34(8), 751–770.
- Goldstein, R.S., Gort, E.H., Stubbing, D. 1994. Randomised controlled trial of respiratory rehabilitation. *Lancet*, 344, 1394-7.
- Hoepfer, M. M., Humbert, M., Souza, R., Idrees, M., Kawut, S. M., Sliwa-Hahnle, K., Gibbs, J. . 2016. A global view of pulmonary hypertension. *The Lancet Respiratory Medicine*, 4(4), 306–322.
- Humbert M., Sitbon O., Simonneau G. 2004. Treatment of Pulmonary Arterial Hypertension. *N Engl J Med*, 351,1425-36.
- Keusch, S., Turk, A., Saxer, S., Ehlken, N., Grunig, E., & Ulrich, S. 2017. Rehabilitation in patients with pulmonary arterial hypertension. *Swiss Medical Weekly*, 147(July), 1–5.
- Kuhr F.K., Smith K.A., Song M.Y., Levitan I., Yuan J.X.J. 2012. New mechanisms of pulmonary arterial hypertension: role of Ca^{2+} signaling. *Am J Physiol Heart Circ Physiol*, 302, H1546–H1562.
- La Gerche, A., Claesen, G., Van de Bruaene, A. 2013. Cardiac MRI: a new gold standard for ventricular volume quantification during high-intensity exercise. *Circ cardiovasc Imaging*, 6, 329-38.
- Liu, H. long, Chen, X. yan, Li, J. ru, Su, S. wen, Ding, T., Shi, C. xia, Zhu, Z. ning. 2016. Efficacy and Safety of Pulmonary Arterial Hypertension-specific Therapy in Pulmonary Arterial Hypertension: A Meta-analysis of Randomized Controlled Trials. *Chest*, 150(2), 353–366.
- Lilly, S.L. 2011. Pathophysiology of Heart Disease, 5th Ed. Lippincott Williams.
- Lowe, B. S., Therrien, J., Ionescu-Ittu, R., Pilote, L., Martucci, G., & Marelli, A. J. 2011. Diagnosis of pulmonary hypertension in the congenital heart disease adult population: Impact on outcomes. *Journal of the American College of Cardiology*, 58(5), 538–546.
- Marra, A. M., Arcopinto, M., Bossone, E., Ehlken, N., Cittadini, A., & Grünig, E.2015. Pulmonary arterial hypertension-related myopathy: An overview of current data and future perspectives. *Nutrition, Metabolism and Cardiovascular Diseases*, 25(2), 131–139.
- Mereles, D., Ehlken, N., Kreuscher, N. 2006. Exercise and respiratory training improve exercise capacity and quality of life in patients with severe chronic pulmonary hypertension. *Circulation*, 114, 1482-9.
- Nusdwinuringtyas, N., Laksmi, W., Bachtiar, A. 2011. Healthy adults maximum oxygen uptake prediction from six minute walking test. *Med J Indones*, 20, 195-200.
- Post, M. C. 2013. Association between pulmonary hypertension and an atrial septal defect. *Netherlands Heart Journal*, 21(7–8), 331–332.
- Rich, J. D., Rich, S. 2014. Clinical diagnosis of pulmonary hypertension. *Circulation*, 130(20), 1820–1830.
- Ries, A.L., Bauldoff, G.S., Carlin, B.W. 2007. Pulmonary rehabilitation: oint ACCP/AACVPR evidence based clinical practise guidelines. *Chest*, 131, 4S-42S.
- Rojas, C.A., El-Sherief, A., Medina, H.M., Chung, J.H., Choy, G., Ghoshhajra, B.B., Abbara, S. 2010. Embryology and Developmental Defects of the

- Interatrial Septum. *American Journal of Roentgenology*. 195(5), 1100-1104.
- Sahni, S., Capozzi, B., Iftikhar, A., Sgouras, V., Ojrzanowski, M., & Talwar, A. 2015. Pulmonary rehabilitation and exercise in pulmonary arterial hypertension: An underutilized intervention. *Journal of Exercise Rehabilitation*, 11(2), 74–79.
- Simonneau, G., Montani, D., Celermajer, D.S., Denton, C.P., Gatzoulis, M.A., Krowka, M., Williams, P.G., Souza, R. 2019. Haemodynamic definitions and updated clinical classification of pulmonary hypertension. *Eur Respir J*, 53, 1801913.
- Sommer, R.J., Hijazi, Z.M., Rhodes, J.F. 2008. Pathophysiology of Congenital Heart Disease in the Adult. *Circulation*, 117, 1090-1099.
- Tran, D. L., Lau, E. M. T., Celermajer, D. S., Davis, G. M., & Cordina, R. 2018. Pathophysiology of exercise intolerance in pulmonary arterial hypertension. *Respirology*, 23(2), 148–159.
- Tsuboi, Y., Tanaka, H., Nishio, R., Sawa, T., Terashita, D., Nakayama, K. Hirata, K. I. 2017. Associations of Exercise Tolerance with Hemodynamic Parameters for Pulmonary Arterial Hypertension and for Chronic Thromboembolic Pulmonary Hypertension. *Journal of Cardiopulmonary Rehabilitation and Prevention*, 37(5), 341–346.
- Ursula, P.R.S, Stephano, F.S.M., João, L.P.G., Silveira, A.C., Nóbrega, C. 2017. Advances in Experimental Medicine and Biology - Exercise Training and Epigenetic Regulation: Multilevel Modification and Regulation of Gene Expression, 281–322.
- Vaillancourt, M., Chia, P., Sarji, S., Nguyen, J., Hoftman, N., Ruffenach, G., Eghbali, M., Mahajan, A., Umar, S. 2017. Autonomic Nervous Sistem Involvement in Pulmonary Arterial Hypertension. *Respiratory Research*. 18:201.
- Vecchia, L.A.D., Bussotti, M. (2018). Exercise training in pulmonary arterial hypertension. *Journal of Thoracic Disease*, 388-45.
- Voelkel, N. F. 2012. Pathobiology of Pulmonary Arterial Hypertension and Right Ventricular Failure. *Eur Resp Journal*, 1555-65
- Vonk, M.C., Sander, M.H., Van Den Hoogen, F.H. 2007. Right ventricle Tei-index: a tool to increase the accuracy of non invasive detection of pulmonary arterial hypertension in connective tissue disease. *Eur J Echocardiography*. 8, 317-21.
- Waxman, A. B. 2012 . Exercise physiology and pulmonary arterial hypertension. *Progress in Cardiovascular Diseases*, 55(2), 172–179.
- Warnes, C.A., Williams, R.G., Bashore, T.M., Child, J.S., Connolly, H.M., Dearani, J.A. 2008. ACC/AHA Guidelines for the Management of Adults With Congenital Heart Disease: Executive Summary. *Circulation*. 118:2395-2451.
- Yi, H. T., Hsieh, Y. C., Wu, T. J., Huang, J. L., Lin, W. W., Liang, K. W., Su, C. S., Tsai, W. J., Wang, K. Y. 2014. Heart Rate Variability Parameters and Ventricular Arrhythmia Correlate with Pulmonary Arterial Pressure in Adult Patients with Idiopathic Arterial Hypertension. *Heart & Lung*. 43:534-540.

- Yong, G., Khairy, P., Guise, P. P., Dore, A., Marcotte, F., Mercier, L. A., Noble, S., Ibrahim, R. 2009. Pulmonary Arterial Hypertension in Patients with Transcatheter Closure of Secundum Atrial Septal Defects: A Longitudinal Study. *Circ Cardiovasc Intervent.* 2:455-462.
- Yuan, P., Yuan, X.T. 2015. Exercise training for pulmonary hypertension: a systematic review and metaanalysis. *Int J cardiol*, 178, 142-6.
- Zinchuk, V.V., Pronko, T.P., Lis, M.A. 2004. Blood oxygen transport and endothelial dysfunction in patients with arterial hypertension. *Clin Physiol Funct Imaging*, 24:205–211.