

DAFTAR PUSTAKA

- Amran, P. and Rahman, 2018. Gambaran Hasil Pemeriksaan HbA1c pada Penderita Diabetes Mellitus Tipe II di RSUD Labuang Baji Makassar. *Jurnal Media Analis Kesehatan*, [online] 9(2). Available at: <<http://journal.poltekkes-mks.ac.id/ojs2/index.php/mediaanalisis>> [Accessed 10 October 2020].
- Baynest, H., 2015. Classification, Pathophysiology, Diagnosis and Management of Diabetes Mellitus. *Journal of Diabetes & Metabolism*, 06(05).
- Bilotta, G., Milner, A. and Boyd, I., 2014. Quality assessment tools for evidence from environmental science. *Environmental Evidence*, 3(1), p.14.
- Cai, J., Wu, Z., Xu, X., Liao, L., Chen, J., Huang, L., Wu, W., Luo, F., Wu, C., Pugliese, A., Pileggi, A., Ricordi, C. and Tan, J., 2015. Umbilical Cord Mesenchymal Stromal Cell With Autologous Bone Marrow Cell Transplantation in Established Type 1 Diabetes: A Pilot Randomized Controlled Open-Label Clinical Study to Assess Safety and Impact on Insulin Secretion. *Diabetes Care*, 39(1), pp.149-157.
- Carlsson, P., Schwarcz, E., Korsgren, O. and Le Blanc, K., 2014. Preserved β -Cell Function in Type 1 Diabetes by Mesenchymal Stromal Cells. *Diabetes*, 64(2), pp.587-592.
- Chhabra, P. and Brayman, K., 2013. Stem Cell Therapy to Cure Type 1 Diabetes: From Hype to Hope. *Stem Cells Translational Medicine*, 2(5), pp.328-336.
- D'Addio, F., Valderrama Vasquez, A., Ben Nasr, M., Franek, E., Zhu, D., Li, L., Ning, G., Snarski, E. and Fiorina, P., 2014. Autologous Nonmyeloablative Hematopoietic Stem Cell Transplantation in New-Onset Type 1 Diabetes: A Multicenter Analysis. *Diabetes*, 63(9), pp.3041-3046.
- Dave, S., Vanikar, A., Trivedi, H., Thakkar, U., Gopal, S. and Chandra, T., 2013. Novel therapy for insulin-dependent diabetes mellitus: infusion of in vitro-generated insulin-secreting cells. *Clinical and Experimental Medicine*, 15(1), pp.41-45.
- Djauhari, T., 2012. Sel Punca. *Saintika Medika*, 6(2).
- EL Barky, A., Ali, E. and Mohamed, T., 2017. Stem Cells, Classifications and their Clinical Applications. *American Journal of Pharmacology & Therapeutics*, 1(1), pp.1-7.
- Figliuzzi, M., 2014. Mesenchymal stem cells help pancreatic islet transplantation to control type 1 diabetes. *World Journal of Stem Cells*, 6(2), p.163.
- Godfrey, K., Mathew, B., Bulman, J., Shah, O., Clement, S. and Gallicano, G., 2011. Stem cell-based treatments for Type 1 diabetes mellitus: bone marrow, embryonic, hepatic, pancreatic and induced pluripotent stem cells. *Diabetic Medicine*, 29(1), pp.14-23.

Shabrina Amalia Suci, 2021

UJI KLINIS SEL PUNCA MESENKIMAL (MESENCHYMAL STEM CELLS) DAN SEL PUNCA HEMATOPOIETIK (HEMATOPOIETIC STEM CELLS) DALAM TERAPI DIABETES MELLITUS TIPE 1:

Tinjauan Systematic Review

UPN Veteran Jakarta, Fakultas Kedokteran, Program Studi Kedokteran Program Sarjana
[www.upnvj.ac.id – www.library.upnvj.ac.id – www.repository.upnvj.ac.id]

- Gregory, J., Moore, D. and Simmons, J., 2013. Type 1 Diabetes Mellitus. *Pediatrics in Review*, 34(5), pp.203-215.
- Gu, B., Miao, H., Zhang, J., Hu, J., Zhou, W., Gu, W., Wang, W. and Ning, G., 2017. Clinical benefits of autologous haematopoietic stem cell transplantation in type 1 diabetes patients. *Diabetes & Metabolism*, 44(4), pp.341-345.
- Haddad, R. and Saldanha-Araujo, F., 2014. Mechanisms of T-Cell Immunosuppression by Mesenchymal Stromal Cells: What Do We Know So Far?. *BioMed Research International*, 2014, pp.1-14.
- Hariyati, R., 2010. Mengenal Systematic Review Theory dan Studi Kasus. *Jurnal Keperawatan Indonesia*, 13(2), pp.124-132.
- Hasanah, N., Wulan, A. and Prabowo, A., 2017. Transplantasi Sel Punca Darah Tali Pusat sebagai Pengobatan Penyakit akibat Kelainan Darah. *Majority*, 7(1), p.126.
- Herman, T. and Santos, C., 2021. *First Pass Effect*. [online] Ncbi.nlm.nih.gov. Available at: <<https://www.ncbi.nlm.nih.gov/books/NBK551679/>> [Accessed 5 February 2021].
- Himawan, I., Pulungan, A., Tridjaja, B. and Batubara, J., 2016. Komplikasi Jangka Pendek dan Jangka Panjang Diabetes Mellitus Tipe 1. *Sari Pediatri*, 10(6), p.367.
- Hu, J., Yu, X., Wang, Z., Wang, F., Wang, L., Gao, H., Chen, Y., Zhao, W., Jia, Z., Yan, S. and Wang, Y., 2013. Long term effects of the implantation of Wharton's jelly-derived mesenchymal stem cells from the umbilical cord for newly-onset type 1 diabetes mellitus. *Endocrine Journal*, 60(3), pp.347-357.
- IDAI, 2017. *Diagnosis Dan Tata Laksana Diabetes Melitus Tipe-1 Pada Anak Dan Remaja*. 1st ed. Jakarta: Diagnosis dan Tata Laksana Diabetes Melitus Tipe-1 pada Anak dan Remaja, pp.1-15.
- Imantika, E., 2014. Peran Sel Punca (Stem Cells) dalam Mengatasi Masalah Infertilitas pada Wanita. *Medula*, 2(2), p.48.
- International Diabetes Federation, 2019. IDF Diabetes Atlas Ninth edition 2019. *International Diabetes Federation*, [online] Available at: <<http://www.idf.org/about-diabetes/facts-figures>> [Accessed 29 June 2020].
- Izadi, M., Nejad, A., Moazenchi, M., Rabbani, A., Kompani, F., Asl, A., Abbasi, F., Jaroughi, N., Meybodi, M., Masoumi, S., Hosseini, E., Setoodeh, A., Abbasi, F., Navabi, R., Saffar, E. and Baharvand, H., 2020. Mesenchymal Stem Cells Transplantation in newly diagnosed type-1 diabetes patients:a phase I/II Randomized Controlled trial. *Cytotherapy*, 22(5), pp.S85-S86.

Shabrina Amalia Suci, 2021

UJI KLINIS SEL PUNCA MESENKIMAL (MESENCHYMAL STEM CELLS) DAN SEL PUNCA HEMATOPOIETIK (HEMATOPOIETIC STEM CELLS) DALAM TERAPI DIABETES MELLITUS TIPE 1:

Tinjauan Systematic Review

UPN Veteran Jakarta, Fakultas Kedokteran, Program Studi Kedokteran Program Sarjana
[www.upnvj.ac.id – www.library.upnvj.ac.id – www.repository.upnvj.ac.id]

- Kuçi, Z., Kuçi, S., Zircher, S., Koller, S., Schubert, R., Bönig, H., Henschler, R., Lieberz, R., Klingebiel, T. and Bader, P., 2011. Mesenchymal stromal cells derived from CD271+ bone marrow mononuclear cells exert potent allosuppressive properties. *Cytotherapy*, 13(10), pp.1193-1204.
- Leighton, E., Sainsbury, C. and Jones, G., 2017. A Practical Review of C-Peptide Testing in Diabetes. *Diabetes Therapy*, 8(3), pp.475-487.
- Li, L., Shen, S., Ouyang, J., Hu, Y., Hu, L., Cui, W., Zhang, N., Zhuge, Y., Chen, B., Xu, J. and Zhu, D., 2012. Autologous Hematopoietic Stem Cell Transplantation Modulates Immunocompetent Cells and Improves β -Cell Function in Chinese Patients with New Onset of Type 1 Diabetes. *The Journal of Clinical Endocrinology & Metabolism*, 97(5), pp.1729-1736.
- Li, M. and Ikehara, S., 2014. Stem cell treatment for type 1 diabetes. *Frontiers in Cell and Developmental Biology*, 2.
- Malmegrim, K., de Azevedo, J., Arruda, L., Abreu, J., Couri, C., de Oliveira, G., Palma, P., Scortegagna, G., Stracieri, A., Moraes, D., Dias, J., Pieroni, F., Cunha, R., Guilherme, L., Santos, N., Foss, M., Covas, D., Burt, R., Simões, B., Voltarelli, J., Roep, B. and Oliveira, M., 2017. Immunological Balance Is Associated with Clinical Outcome after Autologous Hematopoietic Stem Cell Transplantation in Type 1 Diabetes. *Frontiers in Immunology*, 8.
- McCance, K. L. and Huether, S. E., 2014. Pathophysiology: The Biological Basis for Disease in Adults and Children (7th ed.). St. Louis, MO: Elsevier.
- Ozougwu, O., 2013. The pathogenesis and pathophysiology of type 1 and type 2 diabetes mellitus. *Journal of Physiology and Pathophysiology*, 4(4), pp.46-57.
- Paschou, S., Papadopoulou-Marketou, N., Chrousos, G. and Kanaka-Gantenbein, C., 2018. On type 1 diabetes mellitus pathogenesis. *Endocrine Connections*, 7(1), pp.R38-R46.
- Pawitan, J., Pratama, G., Jusuf, A., Liem, I., Dilogo, I., Indrani, D., Luviah, E., Anggraeni, R., Mubarak, W., Kispa, T., Mujadid, F., Novialdi and Rizkita, M., 2018. *Aspek Biologi, Pemrosesan Dan Aplikasi Klinis Sel Punca Mesenkimal*. Jakarta: Continuing Medical Education-Continuing Professional Development (CME-CPD) Unit Fakultas Kedokteran Universitas Indonesia.
- Perkeni, 2019. *Pedoman Pengelolaan Dan Pencegahan Diabetes Melitus Tipe 2 Dewasa Di Indonesia*. Jakarta: PB Perkeni.
- Permana, H., 2015. Komplikasi Kronik dan Penyakit Penyerita pada Diabetes. *Medical Care*, pp.1-5.
- Phan, N., Duong, T., Pham, T., Dang, L., Bui, A., Pham, V., Truong, N. and Van Pham, P., 2014. Preliminary evaluation of intravenous infusion and intrapancreatic injection of human umbilical cord blood-derived

Shabrina Amalia Suci, 2021

UJI KLINIS SEL PUNCA MESENKIMAL (MESENCHYMAL STEM CELLS) DAN SEL PUNCA HEMATOPOIETIK (HEMATOPOIETIC STEM CELLS) DALAM TERAPI DIABETES MELLITUS TIPE 1:

Tinjauan Systematic Review

UPN Veteran Jakarta, Fakultas Kedokteran, Program Studi Kedokteran Program Sarjana
[www.upnvj.ac.id – www.library.upnvj.ac.id – www.repository.upnvj.ac.id]

- mesenchymal stem cells for the treatment of diabetic mice. *Biomedical Research and Therapy*, 1(3).
- Pulungan, A., Annisa, D. and Imada, S., 2019. Diabetes Melitus Tipe-1 pada Anak: Situasi di Indonesia dan Tata Laksana. *Sari Pediatri*, 20(6), p.392.
- Punnapuzha, S., Edemobi, P. and Elmoheen, A., 2020. Febrile Neutropenia. *NCBI*, [online] Available at: <<https://www.ncbi.nlm.nih.gov/books/NBK541102/>> [Accessed 9 October 2020].
- Rajabzadeh, N., Fathi, E. and Farahzadi, R., 2019. Stem cell-based regenerative medicine. *Stem Cell Investigation*, 6, pp.19-19.
- Riskesdas, 2019. Hari Diabetes Sedunia Tahun 2018. *Pusat Data dan Informasi Kementerian Kesehatan RI*, pp.1-8.
- Saldanha-Araujo, F., Ferreira, F., Palma, P., Araujo, A., Queiroz, R., Covas, D., Zago, M. and Panepucci, R., 2011. Mesenchymal stromal cells up-regulate CD39 and increase adenosine production to suppress activated T-lymphocytes. *Stem Cell Research*, 7(1), pp.66-74.
- Sherwani, S., Khan, H., Ekhzaimy, A., Masood, A. and Sakharkar, M., 2016. Significance of HbA1c Test in Diagnosis and Prognosis of Diabetic Patients. *Biomarker Insights*, 11, p.BMI.S38440.
- Snarski, E., Milczarczyk, A., Hałaburda, K., Torosian, T., Paluszewska, M., Urbanowska, E., Król, M., Boguradzki, P., Jedynasty, K., Franek, E. and Wiktor-Jedrzejczak, W., 2015. Immunoablation and autologous hematopoietic stem cell transplantation in the treatment of new-onset type 1 diabetes mellitus: long-term observations. *Bone Marrow Transplantation*, 51(3), pp.398-402.
- Thakkar, U., Trivedi, H., Vanikar, A. and Dave, S., 2015. Insulin-secreting adipose-derived mesenchymal stromal cells with bone marrow-derived hematopoietic stem cells from autologous and allogenic sources for type 1 diabetes mellitus. *Cytotherapy*, 17(7), pp.940-947.
- Ullah, I., Subbarao, R. and Rho, G., 2015. Human mesenchymal stem cells - current trends and future prospective. *Bioscience Reports*, 35(2).
- Ulyanova, O., Askarov, M., Kozina, L., Karibekov, T., Shaimardanova, G., Zhakupova, A., Danilova, D. and Serebrennikova, D., 2019. Autologous Mesenchymal Stem Cell Transplant in Patients with Type 1 Diabetes Mellitus. *Experimental and Clinical Transplantation*, 17(Suppl 1), pp.236-238.
- Vanikar, A., Dave, S., Thakkar, U. and Trivedi, H., 2010. Cotransplantation of Adipose Tissue-Derived Insulin-Secreting Mesenchymal Stem Cells and Hematopoietic Stem Cells: A Novel Therapy for Insulin-Dependent Diabetes Mellitus. *Stem Cells International*, 2010, pp.1-5.

Shabrina Amalia Suci, 2021

UJI KLINIS SEL PUNCA MESENKIMAL (MESENCHYMAL STEM CELLS) DAN SEL PUNCA HEMATOPOIETIK (HEMATOPOIETIC STEM CELLS) DALAM TERAPI DIABETES MELLITUS TIPE 1:

Tinjauan Systematic Review

UPN Veteran Jakarta, Fakultas Kedokteran, Program Studi Kedokteran Program Sarjana
[www.upnvj.ac.id – www.library.upnvj.ac.id – www.repository.upnvj.ac.id]

- Vanikar, A., Trivedi, H. and Thakkar, U., 2016. Stem cell therapy emerging as the key player in treating type 1 diabetes mellitus. *Cytotherapy*, 18(9), pp.1077-1086.
- Voltarelli, J., Couri, C., Stracieri, A., Oliveira, M., Moraes, D., Pieroni, F., Coutinho, M., Malmegrim, K., Foss-Freitas, M., Simões, B., Foss, M., Squiers, E. and Burt, R., 2007. Autologous Nonmyeloablative Hematopoietic Stem Cell Transplantation in Newly Diagnosed Type 1 Diabetes Mellitus. *JAMA*, 297(14), p.1568.
- Widodo, F., 2014. Pemantauan penderita diabetes mellitus. *Ilmiah Kedokteran*, 3(2), pp.55-69.
- Wu, H. and Mahato, R., 2014. Mesenchymal Stem Cell-Based Therapy for Type 1 Diabetes. *Discovery Medicine*, 17(93), pp.139-143.
- Ye, L., Li, L., Wan, B., Yang, M., Hong, J., Gu, W., Wang, W. and Ning, G., 2017. Immune response after autologous hematopoietic stem cell transplantation in type 1 diabetes mellitus. *Stem Cell Research & Therapy*, 8(1).
- Zhang, P., Zhang, C., Li, J., Han, J., Liu, X. and Yang, H., 2019. The physical microenvironment of hematopoietic stem cells and its emerging roles in engineering applications. *Stem Cell Research & Therapy*, 10(1).
- Zhang, Y., Chen, W., Feng, B. and Cao, H., 2020. The Clinical Efficacy and Safety of Stem Cell Therapy for Diabetes Mellitus: A Systematic Review and Meta-Analysis. *Aging and disease*, 11(1), p.141.