

# List of REAP Publications (March 2020)

(MS words: Please add your new paper based on REAP data)

[89] Mazhar Malik, M. Usman Ghani, Warda Mazhar, Nargis Munir. Changing trends in anti-psychotic prescription pattern in Pakistan. Pak J Med Sci Vol.35, No.3 2019.May-June 2019.  
<http://www.pjms.org.pk>

[88] Dong M, Zeng LN, Zhang Q, Yang SY, Chen LY, Najoan E, Kallivayalil RA, Viboonma K, Jamaluddin R, Javed A, Hoa DTQ, Iida H, Sim K, Swe T, He YL, Park Y, Ahmed HU, De Alwis A, Chiu HFK, Sartorius N, Tan CH, Chong MY, Shinfuku N, Lin SK, Avasthi A, Grover S, Ng CH, Ungvari GS, Xiang YT. Prescription of antipsychotic and concomitant medications for adult Asian schizophrenia patients: Findings of the 2016 Research on Asian Psychotropic Prescription Patterns (REAP) survey. Asian J Psychiatr. 2019 Oct;45:74-80  
<https://doi.org/10.1016/j.ajp.2019.08.010>

[87] Dong M, Zeng LN, Zhang Q, Yang SY, Chen LY, Sim K, He YL, Chiu HF, Sartorius N, Tan CH, Chong MY, Shinfuku N, Lin SK, Ng CH, Ungvari GS, Xiang YT. Antipsychotic Polypharmacy in Older Adult Asian Patients With Schizophrenia: Research on Asian Psychotropic Prescription Pattern. J Geriatr Psychiatry Neurol. 2019 Nov;32(6):304-311.  
<https://doi.org/10.1177/0891988719862636>

[86] Xu SW, Dong M, Zhang Q, Yang SY, Chen LY, Sim K, He YL, Chiu HF, Sartorius N, Tan CH, Chong MY, Shinfuku N, Lin SK, Ng CH, Ungvari GS, Najoan E, Kallivayalil RA, Jamaluddin R, Javed A, Iida H, Swe T, Zhang B, Xiang YT. Clozapine prescription pattern in patients with schizophrenia in Asia: The REAP survey. Psychiatry Res. 2019 Mar 15.  
<https://doi.org/10.1016/j.psychres.2019.02.056>

[85] Dong M, Zeng LN, Zhang Q, Ungvari GS, Ng CH, Chiu HFK, Si TM, Sim K, Avasthi A, Grover S, Chong MY, Chee KY, Kanba S, Lee MS, Yang SY, Udomratn P, Kallivayalil RA, Tanra AJ, Maramis MM, Shen WW, Sartorius N, Mahendran R, Tan CH, Shinfuku N, Xiang YT. Concurrent antipsychotic use in older adults treated with antidepressants in Asia. Psychogeriatrics. 2019 Jul;19(4):333-339.  
<https://doi.org/10.1111/psyg.12416>

[84] Zhong XM, Wang F, Zhang Q, Ungvari GS, Ng CH, Chiu HFK, Si TM, Sim K, Avasthi A, Grover S, Chong MY, Chee KY, Kanba S, Lee MS, Yang SY, Udomratn P, Kallivayalil RA, Tanra AJ, Maramis MM, Shen WW, Sartorius N, Mahendran R, Tan CH, Shinfuku N, Xiang YT. Concurrent

benzodiazepine use in older adults treated with antidepressants in Asia. *Int Psychogeriatr*. 2019 May;31(5):685-691

<https://doi.org/10.1017/S1041610217002563>

[83] Park S-C, Jang EY, Xiang Y-T, Kanba S, Kato TA, Chong M-Y, Lin S-K, Yang S-Y, Avasthi A, Grover S, Kallivayalil RA, Udomratn P, Chee KY, Tanra AJ, Tan C-H, Sim K, Sartorius N, Park SC, Shinfuku N. Network Analysis of the Depressive Symptom Profiles in Asian Patients with Depressive Disorders: Findings from the Research on Asian Psychotropic Prescription Patterns for Antidepressant (REAP-AD). *Psychiatry Clin Neurosci* 2020 (accepted for publication).

<http://onlinelibrary.wiley.com/doi/10.1111/pcn.12989/full>

[82] Park S-C, Jang EY, Kim K, Lee H, Choi J, Dan A, Hussain A, Tanra AJ, Kato TA, Chee KY, Lin S-K, Javed A, Tan CH, Sartorius N, Shinfuku N, Park YC: Establishing the Cut-off Scores for the Severity Ranges of Schizophrenia on the BPRS-6 Scale: Findings from the REAP-AP. *Psychiatry Clin Psychopharmacology* 2019; 29(4): 895-898.

<https://doi.org/10.1080/24750573.2019.1695994>

[81] Park S-C, Oh HS, Tripathi A, Kallivayalil RA, Avasthi A, Grover S, Tanra AJ, Kanba S, Kato TA, Inada T, Chee KY, Chong M-Y, Lin S-K, Sim K, Xiang YT, Tan CH, Javed A, Sartorius N, Shinfuku A, Park YC: Cannabis Use Correlates with Aggressive Behavior and Long-acting Injectable Antipsychotic Treatment in Asian Patients with Schizophrenia. *Nord J Psychiatry* 2019; 73(6): 323-330.

<https://doi.org/10.1080/08039488.2019.1632381>

[80] Park S-C, Avasthi A, Grover S, Tanra AJ, Kato TA, Chee KY, Chong M-Y, Jang EY, Kim G-M, Javed A, Tan CH, Sartorius N, Shinfuku N, Park YC: Establishing the Cut-off Score for Aggression on the Brief Psychiatric Rating Scale-Excited Component (BPRS-EC) in Schizophrenia Patients. *Psychiatr Clin Psychopharmacol* 2019; 29(4): 407-410.

<https://doi.org/10.1080/24750573.2019.1626067>

[79] Park S-C, Kim K, Jang O-J, Kim S-G, Lee JG, Park JH, Choi J, Lee D-W, Lin S-K, Tan CH, Shinfuku N, Park YC: Clinical Characteristics and Psychotropic Drug Prescription Patterns of Bipolar Disorder Patients with a History of Suicidal Attempts: Findings from the REAP-BD, Korea. *Psychiatry Investig* 2019; 16(6): 459-463.

<https://doi.org/10.30773/pi.2019.03.10>

[Full text](#)

[78] Kim K, Yang H, Na E, Lee H, Jang O-J, Yoon H-J, Oh HS, Ham B-J, Park S-C, Lin S-K, Tan CH, Shinfuku N, Park YC: Examining Patterns of Polypharmacy in Bipolar Disorder: Findings from the REAP-BD, Korea. *Psychiatry Investig* 2019;16(5):397-402.

<https://doi.org/10.30773/pi.2019.02.26.4>

[Full text](#)

[77] Shi-Wei Xu, Min Dong, Qinge Zhang, Shu-Yu Yang, Lian-Yu Chen, MD, Kang Sim, Yan-Ling He, Helen Fung-Kum Chiu, Norman Sartorius, Chay-Hoon Tan, Mian-Yoon Chong, Naotaka Shinfuku, Shih-Ku Lin, Chee H. Ng, MBBS, Gabor S. Ungvari, Eunice Najoan, Roy Abraham Kallivayalil, Ruzita Jamaluddin, Afzal Javed, Hitoshi Iida, Thiha Swe, Bin Zhang, Yu-Tao Xiang. Clozapine prescription pattern in patients with schizophrenia in Asia: the REAP survey (2016). *Psychiatry research*. 2019 Mar 15. pii: S0165-1781(18)32218-2. doi: 10.1016/j.psychres.2019.02.056.

[Full text](#)

[76] Min Dong, Liang-Nan Zeng, Qinge Zhang, Shu-Yu Yang, Lian-Yu Chen, MD, PhD, Kang Sim, Yan-Ling He, Helen Fung-Kum Chiu, Norman Sartorius, Chay-Hoon Tan, Mian-Yoon Chong, Naotaka Shinfuku, Shih-Ku Lin, Chee H. Ng, MBBS, Gabor S. Ungvari, Yu-Tao Xiang. Antipsychotic polypharmacy in Asian older adult patients with schizophrenia: Research on Asian Psychotropic Prescription Pattern for Antipsychotics (2016 Data). *Journal of Geriatric Psychiatry and Neurology*.

[75] Min DONG, Liang-Nan ZENG, Qinge ZHANG, Gabor S. UNGVARI, Chee H. NG, Helen F. K. CHIU, Tian-Mei SI, Kang SIM, Ajit AVASTHI, Sandeep GROVER, Mian-Yoon CHONG, Kok-Yoon CHEE, Shigenobu KANBA, Min-Soo LEE, Shu-Yu YANG, Pichet UDOMRATN, Roy A. KALLIVAYALIL, Andi J. TANRA, Margarita M. MARAMIS, Winston W. SHEN, Norman SARTORIUS, Rathi MAHENDRAN, Chay-Hoon TAN, Naotaka SHINFUKU, Yu-Tao XIANG. Concurrent antipsychotics use in older adults treated with antidepressants in Asia. *Psychogeriatrics*. 2019 Feb 7. doi: 10.1111/psyg.12416.

[Full text](#)

[74] Yong Chon Park, Min-Soo Lee, Tian-Mei Si, Helen F.K. Chiu, Shigenobu Kanba, Mian-Yoon Chong, Adarsh Tripathi, Pichet Udomratn, Kok Yoon Chee, Andi J. Tanra, Golam Rabbani, Afzal Javed, Samudra Kathiarachchi, Win Aun, Myint, Tran Van Cuong, Kang Sim, Shu-yu Yang, Norman Sartorius, Seon-Cheol Park. Psychotropic Drug-Prescribing Correlates of Disorganized Speech in Asians with Schizophrenia: The REAP-AP Study, Nov 2018 *Saudi Pharmaceutical Journal*

<https://doi.org/10.1016/j.jpsps.2018.11.006>

[Full text](#)

[73] Yong Chon Park, 1 Shu-Yu Yang, 2 Mian-Yoon Chong, 3 Shigenobu Kanba, 4 Norman Sartorius, 5 Naotaka Shinfuku, 6 Chay-Hoon Tan, 7 and Seon-Cheol Park 8 (2018) Differences in High Dose Antipsychotic Prescriptions in Patients with Schizophrenia in Asian Countries/Areas: Findings from the REAP-AP Study

Psychiatry Investig. 2018 Oct; 15(10): 1007–1008.

Published online 2018 Oct 22. doi: [10.30773/pi.2018.09.06]

PMCID: PMC6212696 , PMID: 30373360

[full text](#)

[72] Cho-Yin Huang, Shu-Yu Yang, Ramin Mojtabai, Shu-Ku Lin, Yan-Ling He, Mian-Yoon Chong, Gabor Ungvari, Chay-Hoon Tan, Yu-Tao Xiang, Norman Sartorius, Naotaka Shinfuku, and Lian-Yu Chen. Trends of Polypharmacy and Prescription Patterns of Antidepressants in Asia. *Journal of Clinical Psychopharmacology*: December 2018 - Volume 38 - Issue 6 - p 598–603

[Full text](#)

[71] Xiao - Mei Zhong Min Dong Fei Wang Qinge Zhang Gabor S. Ungvari Chee H. Ng Helen F.K. Chiu Tian - Mei Si Kang Sim Ajit Avasthi Sandeep Grover Mian - Yoon Chong Kok - Yoon Chee Shigenobu Kanba Min - Soo Lee Shu - Yu Yang Pichet Udomratn Roy A. Kallivayalil Andi J. Tanra Margarita M. Maramis Winston W. Shen Norman Sartorius Rathi Mahendran Chay - Hoon Tan Naotaka Shinfuku Yu - Tao Xiang. (2018) Physical comorbidities in older adults receiving antidepressants in Asia: Jul 2018, *Psychogeriatrics*: First published: 10 July 2018 <https://doi.org/10.1111/psyg.12327>

[full text](#)

[70] Malik, M., Ghani, U., Awais, N., Munir, N., Javed, A., Hamirani, M., Kahn, N.S., Yang, S.-Y., Chen, L.-Y., Lin, S.K., Sartorius, N., Tan, C.-H., Chong, M.-Y., Shinfuku, M., Grover, S., Shen, W.W. and Shinfuku, N. (2018) More than Half of Patients with Schizophrenia Are Receiving Polypharmacy and Co-Prescription of Anxiolytics in Pakistan—Findings from Research on Asian Prescription Pattern in 2016. *Open Journal of Psychiatry*, 8, 199-211.

<https://doi.org/10.4236/ojpsych.2018.83018>

[69] Yang, S.-Y., Chen, L.-Y., Najoan, E., Kallivayalil, R.A., Viboonma, K., Jamaluddin, R., Javed, A., Hoa, D.T.Q., Iida, H., Sim, K., Swe, T., He, Y.L., Park, Y.C., Ahmed, H.U., De Alwis, A., Chiu, H.F.K., Sartorius, N., Tan, C.-H., Chong, M.Y., Shinfuku, N. and Lin, S.K. (2018) Polypharmacy and Psychotropic Drug Loading in Patients with Schizophrenia in Asian Countries: The REAP-AP4 Study. *Psychiatry and Clinical Neurosciences (PCN)*. <https://doi.org/10.1111/pcn.12676>

[68] Lin, S.-K., Lin, Y.-F., Yang, S.-Y., He, Y.-L., Kato, T., Hayakawa, K., Park, Y., Sim, K., Chiu, H.F.-K., Xiang, Y.T., Chong, M.-Y., Tan, C.-H., Inada, T. and Shinfuku, N. (2018) Comparison of the Defined Daily Dose and Chlorpromazine Equivalent Methods in Antipsychotic Drug Utilization in Six Asian Countries. *Neuropsychiatry (London)*, 8, 739-744.

[67] Shinfuku, N., Hayakawa, K., Lin, S.-K. and Kato, T.A. (2017) Problems of Japan's Prescription Based on the Research on East Asian Psychotropic Prescription Pattern (REAP). *Rinsyou-Seishin Yakuri (Clinical Pharmacology)*, 20, 983-991. (In Japanese)

[full text](#)

- [66] Park, Y.C., Kanba S., Chong, M.-Y., Tripathi, A., Kallivayali, Y.A., Avasth, A., Grover, S., Chee, K.Y., Tanra, A.J., Maramis, M.M., Yang, S.-Y., Sartorius, N., Tan, C.-H., Shinfuku, N. and Park, S.-C. (2018) To Use the Brief Psychiatric Rating Scale to Detect Disorganized Speech in Schizophrenia: Findings from the REAP-AP Study. *The Kaohsiung Journal of Medical Sciences*, 34, 113-119. <https://doi.org/10.1016/j.kjms.2017.09.009>
- [65] Park, S.C., Lee, M.S., Hahn, S.W., Kanba, S., Chong, M.-Y., Chee, K.Y., Udomratn, P., Tripathi, A., Sartorius, N., Shinfuku, N., Tanra, A.J. and Park, Y.C. (2017) Clinical Characteristics and Psychotropic Prescribing Patterns Associated with Impaired Concentration in Asians with Depressive Disorders: The REAP-AD Study. *The Tohoku Journal of Experimental Medicine*, 242-2, 151-156.
- [64] Zhong, X.M., Wang, F., Zhang, Q., Ungvari, G.S., Ng, C.H., Chiu, H.F.K., Si, T.M., Sim, K., Avasthi, A., Grover, S., Chong, M.Y., Chee, K.Y., Kanba, S., Lee, M.S., Yang, S.Y., Udomratn, P., Kallivayalil, R.A., Tanra, A.J., Maramis, M.M., Shen, W.W., Sartorius, N., Mahendran, R., Tan, C.H., Shinfuku, N. and Xiang, Y.T. (2017) Concurrent Benzodiazepine Use in Older Adults Treated with Antidepressants in Asia: International Psychogeriatrics. *International Psychogeriatric Association*.
- [63] Rajaratnam, K., Xiang, Y.T., Tripathi, A., Chiu, H.F., Si, T.M., Chee, K.Y., Avasthi, A., Grover, S., Chong, M.Y., Kuga, H., Kanba, S., He, Y.L., Lee, M.S., Yang, S.Y., Udomratn, P., Kallivayalil, R.A., Tanra, A.J., Maramis, M.M., Shen, W.W., Sartorius, N., Kua, E.H., Tan, C.H., Mahendran, R., Shinfuku, N., Sum, M.Y., Baldessarini, R.J. and Sim, K. (2017) Clinical Use of Mood Stabilizers with Antidepressants in Asia: Report from the Research on Asian Psychotropic Prescription Patterns for Antidepressants (REAP-AD) Projects in 2004 and 2013. *Journal of Clinical Psychopharmacology*, 37, 255-259. <https://doi.org/10.1097/JCP.0000000000000670>
- [62] Wang, Y.Y., Xiang, Y.T., Ungvari, G.S., Ng, C.H., Chiu, H.F.K., Yim, L.C.L., Si, T.M., Chee, K.Y., Avasthi, A., Grover, S., Chong, M.Y., Sim, K., Kanba, S., He, Y.L., Lee, M.S., Yang, S.Y., Udomratn, P., Kallivayalil, R.A., Tanra, A.J., Maramis, M.M., Shen, W.W., Sartorius, N., Mahendran, R., Teng, J.Y., Tan, C.H. and Shinfuku, N. (2017) A Comparison of Clinical Characteristics of Older Adults Treated with Antidepressants in General and Psychiatric Hospitals in Asia. *Psychogeriatrics*, 17, 348-355. <https://doi.org/10.1111/psyg.12243>
- [61] Xiang, Y.T., Kato, T.A., Kishimoto, T., Ungvari, G.S., Chiu, H.F., Si, T.M., Yang, S.Y., Fujii, S., Ng, C.H. and Shinfuku, N. (2017) Comparison of Treatment Patterns in Schizophrenia between China and Japan (2001-2009). *Asia Pac Psychiatry*, 9.
- [60] Rajaratnam, K., Xiang, Y.T., Tripathi, A., Chiu, H.F., Si, T.M., Chee, K.Y., Avasthi, A., Grover, S., Chong, M.Y., Kuga, H., Kanba, S., He, Y.L., Lee, M.S., Yang, S.Y., Udomratn, P., Kallivayalil, R.A., Tanra, A.J., Maramis, M., Shen, W.W., Sartorius, N., Kua, E.H., Tan, C.H., Mahendran, R., Shinfuku, N., Sum, M.Y., Baldessarini, R.J. and Sim, K. (2016) Factors Associated with Antidepressant Dosing in Asia: Findings from the Research on Asian Psychotropic Prescription Study. *Journal of Clinical Psychopharmacology*, 36, 716-719. <https://doi.org/10.1097/JCP.0000000000000591>
- [59] Park, S.C., Lee, M.S., Hahn, S.W., Si, T.M., Kanba, S., Chong, M.Y., Yoon, C.K., Udomratn, P., Tripathi, A., Sartorius, N.,

Shinfuku, N., Maramis, M.M. and Park, Y.C. (2016) Suicidal Thoughts/Acts and Clinical Correlates in Patients with Depressive Disorders in Asians: Results from the REAP-AD Study. *Acta Neuropsychiatrica*, 16, 1-9.

[58] Chee, K.Y., Tripathi, A., Avasthi, A., Chong, M.Y., Xiang, Y.T., Sim, K., Kanba, S., He, Y.L., Lee, M.S., Chiu, H.F., Yang, S.Y., Kuga, H., Udomratn, P., Tanra, A.J., Maramis, M.M., Grover, S., Mahendran, R., Kallivayalil, R.A., Shen, W.W., Shinfuku, N., Tan, C.H. and Sartorius, N. (2016) Prescribing Pattern of Antidepressants in Children and Adolescents: Findings from the Research on Asia Psychotropic Prescription Pattern. *East Asian Arch Psychiatry*, 26, 10-17.

[57] Wang, F., Xiang, Y.T., Ungvari, G.S., Ng, C.H., Chiu, H.F., Zheng, W., Tan, C.H. and Shinfuku, N. (2016) Prevalence of Overweight in Schizophrenia Patients in Asia: Findings of the Research on Asian Psychotropic Prescription Patterns (REAP) Study. *International Journal of Clinical Pharmacology and Therapeutics*, 54, 450-455. <https://doi.org/10.5414/CP202526>

[56] Grover, S., Avasthi, A., Tripathi, A., Tanra, A.J., Chee, K.Y., He, Y.L., Chiu, H.F., Kuga, H., Lee, M.S., Chong, M.Y., Udomratn, P., Kanba, S., Yang, S.Y., Si, T.M., Sim, K., Tan, C.H., Shen, W.W., Xiang, Y.T., Sartorius, N. and Shinfuku, N. (2015) Antidepressant Prescription Pattern in the Presence of Medical Co-Morbidity: REAP-AD 2013 Study. *East Asian Arch Psychiatry*, 25, 99-107.

[55] Xiang, Y.T., Ungvari, G.S., Correll, C.U., Chiu, H.F. and Shinfuku, N. (2015) Trends in the Access to and the Use of Antipsychotic Medications and Psychotropic Co-Treatments in Asian Patients with Schizophrenia. *Epidemiology and Psychiatric Sciences*, 20, 1-9.

[54] Hou, C.L., Cai, M.Y., Ma, X.R., Zang, Y., Jia, F.J., Lin, Y.Q., Chiu, H.F., Ungvari, G.S., Ng, C.H., Zhong, B.L., Cao, X.L., Li, Y., Shinfuku, N. and Xiang, Y.T. (2015) Clozapine Prescription and Quality of Life in Chinese Patients with Schizophrenia Treated in Primary Care. *Pharmacopsychiatry*, 48, 200-204. <https://doi.org/10.1055/s-0035-1555939>

[53] Park, S.C., Shinfuku, N., Maramis, M.M., Lee, M.S. and Park, Y.C. (2015) Adjunctive Antipsychotic Prescriptions for Outpatients with Depressive Disorders in Asia: The Research on Asian Psychotropic Prescription Patterns for Antidepressants (REAP-AD) Study. *American Journal of Psychiatry*, 172, 684-685. <https://doi.org/10.1176/appi.ajp.2015.14121590>

[52] Park, S.C., Lee, M.S., Shinfuku, N., Sartorius, N. and Park, Y.C. (2015) Gender Differences in Depressive Symptom Profiles and Patterns of Psychotropic Drug Usage in Asian Patients with Depression: Findings from the Research on Asian Psychotropic Prescription Patterns for Antidepressants Study. *Australian & New Zealand Journal of Psychiatry*, 0004867415579464. <https://doi.org/10.1177/0004867415579464>

[51] Xiang, Y.T., Ungvari, G.S., Correll, C.U., Chiu, H.F., Lai, K.Y., Wang, C.Y., Si, T.M., Lee, E.H., He, Y.L., Yang, S.Y., Chong, M.Y., Kua, E.H., Fujii, S., Sim, K., Yong, M.K., Trivedi, J.K., Chung, E.K., Udomratn, P., Chee, K.Y., Sartorius, N., Tan, C.H. and Shinfuku, N. (2015) Use of Electroconvulsive Therapy for Asian Patients with Schizophrenia (2001-2009): Trends and Correlates. *Psychiatry and Clinical Neurosciences*, 69, 489-496. <https://doi.org/10.1111/pcn.12283>

[50] Xiang, Y.T., Chiu, H.F., Ungvari, G.S., Correll, C.U., Lai, K.Y., Wang, C.Y., Si, T.M., Lee, E.H., He, Y.L., Yang, S.Y., Chong, M.Y., Kua, E.H., Fujii, S., Sim, K., Yong, M.K., Trivedi, J.K., Chung, E.K., Udomratn, P., Chee, K.Y., Sartorius, N., Tan, C.H. and Shinfuku, N. (2015) QTc Prolongation in Schizophrenia Patients in Asia: Clinical Correlates and Trends between 2004 and 2008/2009. *Human Psychopharmacology*, 30, 94-99. <https://doi.org/10.1002/hup.2458>

[49] Chen, C., Si, T.M., Xiang, Y.T., Ungvari, G.S., Wang, C.Y., He, Y.L., Kua, E.H., Fujii, S., Sim, K., Trivedi, J.K., Chung, E.K., Udomratn, P., Chee, K.Y., Sartorius, N., Tan, C.H. and Shinfuku, N. (2015) Prevalence and Prescription of Antidepressants in Depression with Somatic Comorbidity in Asia: The Research on East Asian Psychotropic Prescription Patterns Study. *Chinese Medical Journal*, 128, 853-858. <https://doi.org/10.4103/0366-6999.154272>

[48] Chee, K.Y., Tripathi, A., Avasthi, A., Chong, M.Y., Sim, K., Yang, S.Y., Glover, S., Xiang, Y.T., Si, T.M., Kanba, S., He, Y.L., Lee, M.S., Chiu, H.F., Kuga, H., Mahendran, R., Udomratn, P., Kallivayalil, R.A., Tanra, A.J., Maramis, M., Shinfuku, N., Shen, W.W., Tan, C.H. and Sartorius, N. (2015) International Study on Antidepressant Prescription Pattern at 40 Major Psychiatric Institutions and Hospitals in Asia: A 10-Year Comparison Study. *Asia Pacific Psychiatry*, 7, 366-374.

[47] Chee, K.Y., Tripathi, A., Avasthi, A., Chong, M.Y., Xiang, Y.T., Sim, K., Si, T.M., Kanba, S., He, Y.L., Lee, M.S., Fung-Kum Chiu, H., Yang, S.Y., Kuga, H., Udomratn, P., Kallivayalil, R.A., Tanra, A.J., Maramis, M., Grover, S., Chin, L.F., Dahlan, R., Mohamad Isa, M.F., Ebenezer, E.G., Nordin, N., Shen, W.W., Shinfuku, N., Tan, C.H. and Sartorius, N. (2015) Country Variations in Depressive Symptoms Profile in Asian Countries: Findings of the Research on Asia Psychotropic Prescription (REAP) Studies. *Asia Pacific Psychiatry*, 7, 276-285. <https://doi.org/10.1111/appy.12170>

[46] Tripathi, A., Avasthi, A., Desousa, A., Bhagabati, D., Shah, N., Kallivayalil, R.A., Grover, S., Trivedi, J.K. and Shinfuku, N. (2016) Prescription Pattern of Antidepressants in Five Tertiary Care Psychiatric Centres of India. *Indian Journal of Medical Research*, 143, 507-513. <https://doi.org/10.4103/0971-5916.184289>

[45] Grover, S., Avasthi, A., Tripathi, A., Tanra, A.J., Yoon, C.K., Lin, H.Y., Chiu, H.L., Kuga, H., Soo, L.M., Chong, M.-Y., Udomratn, P., Kanba, S., Yang, S.-Y., Mei, S.T., Kang, S., Hoon, C., Shen, W., Tao, X.Y., Sartorius, N. and Shinfuku, N. (2015) Antidepressant Prescription Pattern in the Presence of Medical Comorbidity: REAP-AD 2013 Study. *East Asian Archives of Psychiatry*, 25, 99-107.

[44] Shinfuku, N. (2014) Research on Asian Prescription Patterns (REAP): Focusing on Data from Japan, Overview. *Taiwanese Journal of Psychiatry*, 28-2, 71-85.

[43] Xiang, Y.T., Li, Y., Correll, C.U., Ungvari, G.S., Chiu, H.F., Lai, K.Y., Tang, Q.S., Hao, W., Si, T.M., Wang, C.Y., Lee, E.H., He, Y.L., Yang, S.Y., Chong, M.Y., Kua, E.H., Fujii, S., Sim, K., Yong, M.K., Trivedi, J.K., Chung, E.K., Udomratn, P., Chee, K.Y., Sartorius, N., Tan, C.H. and Shinfuku, N. (2014) Common Use of High Doses of Antipsychotic Medications in Older Asian Patients with Schizophrenia (2001-2009). *International Journal of Geriatric Psychiatry*, 29, 359-366.

<https://doi.org/10.1002/gps.4011>

[42] Shinfuku, N. (2014) Research on Asia Psychotropic Prescription Pattern (REAP)-Overview. *Journal of Japanese Society of Social Psychiatry*, 23, 90-103. (In Japanese)

[41] Lopez-Munoz, F., Shinfuku, N., Shen, W.W., Moreno, R., Molina, J.D., Rubio, G., Huelves, L., Noriega, C., Perez-Nieto, M.A. and Alamo, C. (2013) Thirty Years of Scientific Research on Second-Generation Antipsychotic Drugs in Japan: A Bibliometric Analysis. *Open Journal of Psychiatry*, 3, 18-25. <http://www.scirp.org/journal/ojpsych/>  
<https://doi.org/10.4236/ojpsych.2013.31004>

[40] Xiang, Y.T., Ungvari, G.S., Wang, C.Y., Si, T.M., Lee, E.H., Chiu, H.F., Lai, K.Y., He, Y.L., Yang, S.Y., Chong, M.Y., Tan, C.H., Kua, E.H., Fujii, S., Sim, K., Yong, M.K., Trivedi, J.K., Chung, E.K., Udomratn, P., Chee, K.Y., Sartorius, N. and Shinfuku, N. (2013) Adjunctive Antidepressant Prescriptions for Hospitalized Patients with Schizophrenia in Asia (2001-2009). *Asia Pacific Psychiatry*, 5, E81-E87. <https://doi.org/10.1111/j.1758-5872.2012.00231.x>

[39] Xiang, Y.T., Buchanan, R.W., Ungvari, G.S., Chiu, H.F.K., Lai, K.Y.C., Li, Y.H., Si, T.-M., Wang, C.Y., Lee, E.H.M., He, Y.L., Yang, S.-Y., Chong, M.Y., Kua, E.-H., Fujii, S., Sim, K., Yong, M.K.H., Trivedi, J.K., Chung, E.-K., Udomratn, P., Chee, K.-K., Sartorius, N., Tan, C.-H. Shinfuku, N. (2013) Use of Clozapine in Older Asian Patients with Schizophrenia between 2001 and 2009. *PLoS ONE*, 8, e66154. <https://doi.org/10.1371/journal.pone.0066154>

[38] Xiang, Y.T., Kreyenbuhl, J., Dickerson, F.B., Ungvari, G.S., Wang, C.Y., Si, T.M., Lee, E.H., Chiu, H.F., Lai, K.Y., He, Y.L., Yang, S.Y., Chong, M.Y., Tan, C.H., Kua, E.H., Fujii, S., Sim, K., Yong, M.K., Trivedi, J.K., Chung, E.K., Udomratn, P., Chee, K.Y., Sartorius, N. and Shinfuku, N. (2012) Antipsychotic Treatment in Older Schizophrenia Patients with Extrapyramidal Side Effects in Asia (2001-2009). *International Journal of Clinical Pharmacology and Therapeutics*, 50, 500-504.  
<https://doi.org/10.5414/CP201683>

[37] Xiang, Y.T., Dickerson, F., Kreyenbuhl, J., Ungvari, G.S., Wang, C.Y., Si, T.M., Lee, E.H., Chiu, H.F., Lai, K.Y., He, Y.L., Yang, S.Y., Chong, M.Y., Tan, C.H., Kua, E.H., Fujii, S., Sim, K., Yong, M.K., Trivedi, J.K., Chung, E.K., Udomratn, P., Chee, K.Y., Sartorius, N. and Shinfuku, N. (2012) Common Use of Anticholinergic Medications in Older Patients with Schizophrenia: Findings of the Research on Asian Psychotropic Prescription Pattern (REAP) Study, 2001-2009. *International Journal of Geriatric Psychiatry*, 28, 305-311.

[36] Xiang, Y.T., Kreyenbuhl, J., Dickerson, F.B., Ungvari, G.S., Wang, C.Y., Si, T.M., Lee, E.H., He, Y.L., Chiu, H.F., Yang, S.Y., Chong, M.Y., Tan, C.H., Kua, E.H., Fujii, S., Sim, K., Yong, M.K., Trivedi, J.K., Chung, E.K., Udomratn, P., Chee, K.Y., Sartorius, N. and Shinfuku, N. (2012) Use of First- and Second-Generation Antipsychotic Medications in Older Patients with Schizophrenia in Asia (2001-2009). *Australian and New Zealand Journal of Psychiatry*, 46.

[35] Xiang, Y.T., Wang, C.Y., Si, T.M., Lee, E.H., He, Y.L., Ungvari, G.S., Chiu, H.F., Yang, S.Y., Chong, M.Y., Tan, C.H., Kua,



E.H., Fujii, S., Sim, K., Yong, K.H., Trivedi, J.K., Chung, E.K., Udomratn, P., Chee, K.Y., Sartorius, N. and Shinfuku, N.(2012) Antipsychotic Polypharmacy in Inpatients with Schizophrenia in Asia (2001-2009). *Pharmacopsychiatry*, 45, 7-12.

<https://doi.org/10.1055/s-0031-1286345>

[34] Xiang, Y.T., Dickerson, F., Kreyenbuhl, J., Ungvari, G.S., Wang, C.Y., Si, T.M., Lee, E.H., He, Y.L., Chiu, H.F., Yang, S.Y., Chong, M.Y., Tan, C.H., Kua, E.H., Fujii, S., Sim, K., Yong, M.K., Trivedi, J.K., Chung, E.K., Udomratn, P., Chee, K.Y., Sartorius, N. and Shinfuku, N. (2012) Common Use of Antipsychotic Polypharmacy in Older Asian Patients with Schizophrenia(2001-2009). *Journal of Clinical Psychopharmacology*, 32, 809-813. <https://doi.org/10.1097/JCP.0b013e3182726623>

[33] Xiang, Y.T., Dickerson, F., Kreyenbuhl, J., Ungvari, G.S., Wang, C.Y., Si, T.M., Lee, E.H., He, Y.L., Chiu, H.F., Yang, S.Y., Chong, M.Y., Tan, C.H., Kua, E.H., Fujii, S., Sim, K., Yong, M.K., Trivedi, J.K., Chung, E.K., Udomratn, P., Chee, K.Y., Sartorius, N. and Shinfuku, N. (2012) Adjunctive Mood Stabilizer and Benzodiazepine Use in Older Asian Patients with Schizophrenia,2001-2009. *Pharmacopsychiatry*, 45, 217-222.

[32] Xiang, Y.T., Dickerson, F., Kreyenbuhl, J., Ungvari, G.S., Wang, C.Y., Si, T.M., Lee, E.H., He, Y.L., Chiu, H.F., Lai, K.Y.,Shinfuku, N., Yang, S.Y., Chong, M.Y., Kua, E.H., Fujii, S., Sim, K., Yong, M.K., Trivedi, J.K., Chung, E.K., Udomratn, P.,Chee, K.Y., Sartorius, N. and Tan, C.H. (2012) Prescribing Patterns of Low Doses of Antipsychotic Medications in OlderAsian Patients with Schizophrenia, 2001-2009. *International Psychogeriatrics* , 24, 1002-1008.<https://doi.org/10.1017/S1041610211002791>

[31] Ito, H., Okumura, Y., Higuchi, T., Tan, C.H. and Shinfuku, N. (2012) International Variation in Antipsychotic Prescribingfor Schizophrenia: Pooled Results from the Research on East Asia Psychotropic Prescription (Reap) Studies. *Open Journal of Psychiatry*, 2, 340-346. <https://doi.org/10.4236/ojpsych.2012.224048>

[30] Xiang, Y.T., Wang, C.Y., Si, T.M., Lee, E.H., He, Y.L., Ungvari, G.S., Chiu, H.F., Shinfuku, N., Yang, S.Y., Chong, M.Y., Kua, E.H., Fujii, S., Sim, K., Yong, M.K., Trivedi, J.K., Chung, E.K., Udomratn, P., Chee, K.Y., Sartorius, N., Dixon, L.B., Kreyenbuhl,J.A. and Tan, C.H. (2011) Clozapine Use in Schizophrenia: Findings of the Research on Asia Psychotropic Prescription(REAP) Studies from 2001 to 2009. *Australian & New Zealand Journal of Psychiatry*, 45, 968-975. <https://doi.org/10.3109/00048674.2011.607426>

[29] Xiang, Y.T., Wang, C.Y., Si, T.M., Lee, E.H., He, Y.L., Ungvari, G.S., Chiu, H.F., Yang, S.Y., Chong, M.Y., Tan, C.H., Kua, E.H., Fujii, S., Sim, K., Yong, M.K., Trivedi, J.K., Chung, E.K., Udomratn, P., Chee, K.Y., Sartorius, N. and Shinfuku, N.(2011) The Low Frequency of Reported Sexual Dysfunction in Asian Patients with Schizophrenia (2001-2009): Low Occurrenceor Ignored Side Effect? *Human Psychopharmacology*, 26, 352-357. <https://doi.org/10.1002/hup.1213>

[28] Xiang, Y.T., Wang, C.Y., Si, T.M., Lee, E.H., He, Y.L., Ungvari, G.S., Chiu, H.F., Yang, S.Y., Chong, M.Y., Tan, C.H., Kua, E.H., Fujii, S., Sim, K., Yong, K.H., Trivedi, J.K., Chung, E.K., Udomratn, P., Chee, K.Y., Sartorius, N. and Shinfuku, N.(2011) Tardive Dyskinesia in the Treatment of Schizophrenia: The Findings of the Research on Asian Psychotropic PrescriptionPattern (REAP) Survey (2001-2009). *International Journal of Clinical Pharmacology and Therapeutics*, 49,

382-387.<https://doi.org/10.5414/CP201505>

- [27] Xiang, Y.T., Wang, C.Y., Si, T.M., Lee, E.H., He, Y.L., Ungvari, G.S., Chiu, H.F., Yang, S.Y., Chong, M.Y., Tan, C.H., Kua, E.H., Fujii, S., Sim, K., Yong, K.H., Trivedi, J.K., Chung, E.K., Udomratn, P., Chee, K.Y., Sartorius, N. and Shinfuku, N. (2011) Use of Anticholinergic Drugs in Patients with Schizophrenia in Asia from 2001 to 2009. *Pharmacopsychiatry*, 44, 114-118. <https://doi.org/10.1055/s-0031-1275658>
- [26] Nakano, W., Fuji, S., Shinfuku, N., et al. (2011) Changes of Prescription Pattern for Schizophrenic Inpatients in Asia over the Past 10 Years: Finding from Research on Asian Psychotropic Prescription Pattern. *Rinsyou Seishinn Yakuri (Clinical Psychopharmacology)*, 14, 1397-1411. (In Japanese)
- [25] Tor, P.C., Ng, T.P., Yong, K.H., Sim, K., Xiang, Y.T., Wang, C.Y., Lee, E.H., Fujii, S., Yang, S.Y., Chong, M.Y., Ungvari, G.S., Si, T., He, Y.L., Chung, E.K., Chee, K.Y., Trivedi, J., Udomratn, P., Shinfuku, N., Kua, E.H., Tan, C.H., Sartorius, N. and Baldessarini, R.J. (2011) Adjunctive Benzodiazepine Treatment of Hospitalized Schizophrenia Patients in Asia from 2001 to 2008. *International Journal of Neuropsychopharmacology*, 14, 735-745. <https://doi.org/10.1017/S146114571000163X>
- [24] Sim, K., Yong, K.H., Chan, Y.H., Tor, P.C., Xiang, Y.T., Wang, C.Y., Lee, E.H., Fujii, S., Yang, S.Y., Chong, M.Y., Ungvari, G.S., Si, T., He, Y.L., Chung, E.K., Chee, K.Y., Trivedi, J., Udomratn, P., Shinfuku, N., Kua, E.H., Tan, C.H., Sartorius, N. and Baldessarini, R.J. (2011) Adjunctive Mood Stabilizer Treatment for Hospitalized Schizophrenia Patients: Asia Psychotropic Prescription Study (2001-2008). *International Journal of Neuropsychopharmacology*, 14, 1157-1164. <https://doi.org/10.1017/S1461145711000563>
- [23] Shinfuku, N. (2011) Treatment of Schizophrenia in East Asia. In: Ishigooka, J., Okazaki, Y. and Higuchi, T., Eds., *New Strategies of Treatment of Schizophrenia*, Sentann Igakusya, Tokyo, 58-66. (In Japanese)
- [22] Xiang, Y.T., Wang, C.Y., Si, T.M., Lee, E.H., He, Y.L., Ungvari, G.S., Chiu, H.F., Yang, S.Y., Chong, M.Y., Shinfuku, N., Tan, C.H., Kua, E.H., Fujii, S., Sim, K., Yong, K.H., Trivedi, J.K., Chung, E.K., Udomratn, P., Chee, K.Y. and Sartorius, N. (2010) Sex Differences in Use of Psychotropic Drugs and Drug-Induced Side Effects in Schizophrenia Patients: Findings of the Research on Asia Psychotropic Prescription (REAP) Studies. *Australian & New Zealand Journal of Psychiatry*, 45, 193-198. <https://doi.org/10.3109/00048674.2010.538839>
- [21] Nakano, W., Yang, S.-Y., Fujii, S., et al. (2010) Characteristics of Pharmacotherapy for Schizophrenic Inpatients in Japan; Findings from Research on East Asia Psychotropic Prescription Pattern of Antipsychotics. *Rinsyou Seishin Yakuri*, 13, 103-113. (In Japanese)
- [20] Sim, K., Su, H.C., Fujii, S., Yang, S.Y., Chong, M.Y., Ungvari, G., Si, T., He, Y.L., Chung, E.K., Chan, Y.H., Shinfuku, N., Kua, E.H., Tan, C.H. and Sartorius, N. (2009) High-Dose Antipsychotic Use in Schizophrenia: A Comparison between the 2001 and 2004 Research on East Asia Psychotropic Prescription (REAP) Studies. *British Journal of Clinical Pharmacology*, 67, 110-117.

<https://doi.org/10.1111/j.1365-2125.2008.03304.x>

[19] Shinfuku, N. (2009) Pharmacotherapy of Depression in East Asia. In: Kanba, S. and Kuroki, T., Eds., Clinics of Depression at Present, Sougen-sya, Tokyo, 42-59. (In Japanese)

[18] Tan, C.H., Shinfuku, N. and Sim, K. (2008) Psychotropic Prescription Practices in East Asia: Looking Back and Peering Ahead. Current Opinion in Psychiatry, 21, 645-650. <https://doi.org/10.1097/YCO.0b013e32830e6dc4>

[17] Shinfuku, N. and Tan, C.H. (2008) Pharmacotherapy for Schizophrenic Inpatients in East Asia—Changes and Challenges. International Review of Psychiatry, 20, 460-468. <https://doi.org/10.1080/09540260802397560>

[16] Sim, K., Chuan, S.H., Fujii, S., Yang, S.Y., Chong, M.Y., Si, T., He, Y.L., Chung, E.K., Chan, Y.H., Shinfuku, N., Hoon Tan, C., Ungvari, G. and Baldessarini, R.J. (2008) Low Doses of Antipsychotic Drugs for Hospitalized Schizophrenia Patients in East Asia: 2004 vs. 2001. International Journal of Neuropsychopharmacology, 12, 117-123. <https://doi.org/10.1017/S1461145708009280>

[15] Uchida, N., Chong, M.Y., Tan, C.H., Nagai, H., Tanaka, M., Lee, M.S., Fujii, S., Yang, S.Y., Si, T., Sim, K., Wei, H., Ling, H.Y., Nishimura, R., Kawaguchi, Y., Edwards, G., Sartorius, N. and Shinfuku, N. (2007) International Study on Antidepressant Prescription Pattern at 20 Teaching Hospitals and Major Psychiatric Institutions in East Asia: Analysis of 1898 Cases from China, Japan, Korea, Singapore and Taiwan. Psychiatry and Clinical Neurosciences, 61, 522-528. <https://doi.org/10.1111/j.1440-1819.2007.01702.x>

[14] Tanaka, M., Nagai, H., Uchida, N., et al. (2007) Current Situation on the Prescription of Antidepressants in East Asia—Findings from REAP Collaborative Surveys in Five Countries and Areas. Rinsyouseishin Yakuri (Clinical Psychopharmacology), 10, 131-146. (In Japanese)

[13] Sim, K., Lee, N.B., Chua, H.C., Mahendran, R., Fujii, S., Yang, S.Y., Chong, M.Y., Si, T., He, Y.L., Lee, M.S., Sung, K.M., Chung, E.K., Chan, Y.H., Shinfuku, N., Tan, C.H., Sartorius, N. and Baldessarini, R.J. (2007) Newer Antidepressant Drug Use in East Asian Psychiatric Treatment Settings: REAP (Research on East Asia Psychotropic Prescriptions) Study. British Journal of Clinical Pharmacology, 63, 431-437. <https://doi.org/10.1111/j.1365-2125.2006.02780.x>

[12] Yoshimura, R., Okamoto, T., Nakamura, J., Tateno, M., Otsuka, K., Takahashi, H., Fujisawa, D., Takamatsu, T., Fujii, S., Sato, S., Inoue, M., Sasaki, H., Kuroki, T. and Shinfuku, N. (2006) Prescription Pattern of Antipsychotic Drugs for Schizophrenic Inpatients in Japan: Research on East Asia Psychotropic Prescription Pattern-Antipsychotics study. Psychiatry and Clinical Neurosciences, 60, 778-779. <https://doi.org/10.1111/j.1440-1819.2006.01601.x>

[11] Fujii, S., Kaneko, N., Kitsukawa, H., et al. (2005) Prescription of Antidepressants in Japan—Finding from International Collaborative Study on the Prescription of Antidepressants in Five Countries and Areas in Asia. Japanese Journal of Social Psychiatry, 14, 30-35. (In Japanese)

[10] Fujii, S. and Shinfuku, N. (2005) Historical Overview on the Use of Levomepromazine in Japan and the Setting of Its Dose in Pharmacotherapy. *Rinsyou Seishin Yakuri (Japanese Journal of Clinical Psychiatry)*, 8, 1227-1238. (In Japanese)

[9] Fujii, S. and Shinfuku, N. (2004) The Characteristics of Pharmacotherapy for the Inpatients with Schizophrenia in Japan—Comparison with Other Countries and Regions. *Rinsyou Seishin Yakuri (Japanese Journal of Clinical Psychiatry)*, 7,3-14. (In Japanese)

[8] Sim, K., Su, A., Chan, Y.H., Shinfuku, N., Kua, E.H. and Tan, C.H. (2004) Clinical Correlates of Antipsychotic Polytherapy in Patients with Schizophrenia in Singapore. *Psychiatry and Clinical Neurosciences*, 58, 324-329. <https://doi.org/10.1111/j.1440-1819.2004.01239.x>

[7] Sim, K., Su, A., Ungvari, G.S., Fujii, S., Yang, S.Y., Chong, M.Y., Si, T., Chung, E.K., Tsang, H.Y., Chan, Y.H., Shinfuku, N. and Tan, C.H. (2004) Depot Antipsychotic Use in Schizophrenia: An East Asian Perspective. *Human Psychopharmacology*, 19, 103-109. <https://doi.org/10.1002/hup.571>

[6] Sim, K., Su, A., Leong, J.Y., Yip, K., Chong, M.Y., Fujii, S., Yang, S., Ungvari, G.S., Si, T., Chung, E.K., Tsang, H.Y., Shinfuku, N., Kua, E.H. and Tan, C.H. (2004) High Dose Antipsychotic Use in Schizophrenia: Findings of the REAP (Research on East Asia Psychotropic Prescriptions) Study. *Pharmacopsychiatry*, 37, 175-179. <https://doi.org/10.1055/s-2004-827174>

[5] Sim, K., Su, A., Fujii, S., Yang, S.Y., Chong, M.Y., Ungvari, G.S., Si, T., Chung, E.K., Tsang, H.Y., Chan, Y.H., Heckers, S., Shinfuku, N. and Tan, C.H. (2004) Antipsychotic Polypharmacy in Patients with Schizophrenia: A Multicentre Comparative Study in East Asia. *British Journal of Clinical Pharmacology*, 58, 178-183. <https://doi.org/10.1111/j.1365-2125.2004.02102.x>

[4] Chong, M.Y., Tan, C.H., Fujii, S., Yang, S.Y., Ungvari, G.S., Si, T., Chung, E.K., Sim, K., Tsang, H.Y. and Shinfuku, N. (2004) Antipsychotic Drug Prescription for Schizophrenia in East Asia: Rationale for Change. *Psychiatry and Clinical Neurosciences*, 58, 61-67. <https://doi.org/10.1111/j.1440-1819.2004.01194.x>

[3] Si, T.M., He, Y.L., Zhou, R.Y., et al. (2003) Psychotropic Prescription Pattern for the Inpatients with Schizophrenia. *Journal of Chinese Mental Health*, 17, 705-707. (In Chinese)

[2] Fujii, S., Maeda, K. and Shinfuku, N. (2003) International Collaborative Studies on the Prescription of Antipsychotics in East Asia—Finding from Research on East Asia Psychotropic Prescription Pattern. *Rinsyou Seishin Igaku (Clinical Psychiatry)*, 32, 629-646. (In Japanese)

[1] Tan, C.H. (2000) New Challenges in Psychopharmacology. *Singapore Med.J*, 41, 3-4.