



Abdullah Sulieman Terkawi, MD, MS

Clinical Associate Professor, Anesthesiology, Perioperative and Pain Medicine

CLINICAL OFFICE (PRIMARY)

- **South Bay Stanford Pain Medicine Clinic**

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Bio

CLINICAL FOCUS

- Pain Management

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Anesthesiology, Perioperative and Pain Medicine

HONORS AND AWARDS

- Brian Korbon Award for Outstanding Clinical Investigation by a resident., University of Virginia. Charlottesville, VA - USA (May 2019)
- Best publication award 2017., Department of Anesthesiology, University of Virginia. Charlottesville, VA - USA (May 2017)
- First place (FAER; Foundation for Anesthesia Education and Research.) award., The 4th MidAtlantic Anesthesia research Conference at Georgetown University, Washington DC – USA. (May 2017)
- Research award for the best Research associate research., Department of Anesthesiology, University of Virginia. Charlottesville, VA - USA (May 2014)
- “Best Poster” award., First SCHS international conference. Riyadh – Saudi Arabia. (March 2013)
- Selected as one of six finalists for presentation in “Residents’ Oral Competition”., The International Anesthesia Research Society (IARS), Annual Meeting. Boston – USA (May 2012)
- 1st rank award for the resident competition., King Fahad Medical City (KFMC) annual research day. Riyadh – Saudi Arabia. (December 2011)
- One out of 8 best abstract competition., International Anesthesia Research Society (IARS), Annual Meeting. Vancouver – Canada. (May 2011)
- 1st prize in the 9th Resident Research Day., Security Forces Hospital Program. Riyadh – Saudi Arabia. (December 2010)
- 2nd rank award for the resident competition., King Fahad Medical City (KFMC), annual research day. Riyadh – Saudi Arabia. (December 2010)
- 1st prize in the 9th Annual Surgical Research & Residents’ Day., King Faisal Specialist Hospital & Research Center, Riyadh – Saudi Arabia. (October 2009)
- Honorable mention prize. In the 63rd annual meeting., The Canadian Society of Otolaryngology – Head & Neck Surgery. In Halifax – Canada. (May 2009)
- 1st rank award for the resident competition., King Fahad Medical City (KFMC) annual research day. Riyadh – Saudi Arabia. (April 2009)
- Special Summer Training Award for Superior Students., Assiut University Hospitals, Assiut – Egypt. (July 2004)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Abstract Review, Subcommittee on Chronic Pain for the 2020 governance year, American Society of Anesthesiologists (ASA) (2019 - present)
- Abstract Review, Subcommittee on Regional Anesthesia and Acute Pain for the 2019 governance year, American Society of Anesthesiologists (ASA) (2018 - 2019)
- Abstract Review Subcommittee on Regional Anesthesia and Acute Pain for the 2018 governance year, American Society of Anesthesiologists (ASA) (2017 - 2018)

PROFESSIONAL EDUCATION

- Board Certification: Pain Management, American Board of Anesthesiology (2024)
- Board Certification: Anesthesia, American Board of Anesthesiology (2023)
- Fellowship, Biodesign Stanford (2023)
- Board, American Board of Anesthesiology (2023)
- Fellowship: Stanford University Pain Management Fellowship (2021) CA
- Master, Epidemiology and Clinical Research - Stanford University (2021)
- Residency: University of Virginia Medical Center Anesthesiology Residency (2019) VA
- Internship: University of Virginia Health System (2016) VA
- Medical Education: Sana`a University (2008) Yemen

Research & Scholarship

CLINICAL TRIALS

- Genetic and Demographic Factors That Influence the Pain and Progress of Labor, Not Recruiting

Publications

PUBLICATIONS

- **The analgesic effectiveness of motor-sparing nerve blocks for total knee arthroplasty: A network meta-analysis.** *Anesthesiology*
Hussain, N., Brull, R., Vannabouathong, C., Robinson, C., Zhou, S., D'Souza, R., Sawyer, T., Terkawi, A. S., Abdallah, F. W.
2023
- **Pragmatic Comparative Effectiveness Trials and Learning Health Systems in Pain Medicine: Opportunities and Challenges.** *Anesthesiology clinics*
Salmasi, V., Terkawi, A. S., Mackey, S. C.
2023; 41 (2): 503-517
- **Transitional Pain Medicine; New Era, New Opportunities, and New Journey.** *Anesthesiology clinics*
Terkawi, A. S., Ottestad, E., Altirkawi, O. K., Salmasi, V.
2023; 41 (2): 383-394
- **Clinical Approach to Chronic Pain due to Perioperative Nerve Injury.** *Anesthesiology clinics*
Terkawi, A. S., Altirkawi, O. K., Salmasi, V., Ottestad, E.
2023; 41 (2): 489-502
- **Pregnancy and delivery characteristics and outcomes in Northwestern Syria: A prospective cohort study.** *International journal of gynaecology and obstetrics: the official organ of the International Federation of Gynaecology and Obstetrics*
Terkawi, A. S., Bakri, B., Bakour, C.
2023
- **Say My Name: Understanding the Power of Names, Correct Pronunciation, and Personal Narratives.** *MedEdPORTAL : the journal of teaching and learning resources*
Dali, S., Atasuntseva, A., Shankar, M., Ayeroff, E., Holmes, M., Johnson, C., Terkawi, A. S., Beadle, B., Chang, J., Boyd, K., Dunn, T.
2022; 18: 11284

- **Psychometric and accuracy comparison of three commonly used questionnaires for the diagnosis of neuropathic pain.** *Saudi journal of anaesthesia*
Abolkhair, A. B., El-Kabbani, A. O., Al-Mulhem, A., AlFattani, A. A., Al-Hammadi, A., Alghamdi, H., Haddarra, M., Alraffa, A., Kamal, A. S., Alsaigh, R. N., Mubarak, M. M., Terkawi, A. S.
2021; 15 (4): 409-418
- **Mapping routine measles vaccination in low- and middle-income countries** *NATURE*
Graetz, N., Woyczynski, L., Wilson, K. F., Hall, J. B., Abate, K., Abd-Allah, F., Adebayo, O. M., Adekanmbi, V., Afshari, M., Ajumobi, O., Akinyemiju, T., Alahdab, F., Al-Aly, et al
2020
- **Peripheral Nerve Stimulation for Occipital Neuralgia.** *Pain medicine (Malden, Mass.)*
Salmasi, V., Olatoye, O. O., Terkawi, A. S., Hah, J. M., Ottestad, E., Pingree, M.
2020; 21 (Supplement_1): S13–S17
- **Peripheral Nerve Stimulation for Pudendal Neuralgia: A Technical Note.** *Pain medicine (Malden, Mass.)*
Gregory, N. S., Terkawi, A. S., Prabhakar, N. K., Tran, J. V., Salmasi, V., Hah, J. M.
2020; 21 (Supplement_1): S51–S55
- **Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017** *NATURE MEDICINE*
Kinyoki, D. K., Ross, J. M., Lazzar-Atwood, A., Munro, S. B., Schaeffer, L. E., Bhattacharjee, N. V., Collison, M. L., Cork, M. A., Cormier, N., Weaver, N., Deshpande, A., Dharmaratne, S., Earl, et al
2020; 26 (5): 750+
- **Mapping child growth failure across low- and middle-income countries** *NATURE*
Kinyoki, D. K., Osgood-Zimmerman, A. E., Pickering, B. V., Schaeffer, L. E., Marczak, L. B., Lazzar-Atwood, A., Collison, M. L., Henry, N. J., Abebe, Z., Adamu, A. A., Adekanmbi, V., Ahmadi, K., Ajumobi, et al
2020; 577 (7789): 231+
- **Women's health in Northwestern Syria: Findings from Healthy-Syria 2017 study.** *Avicenna journal of medicine*
Terkawi, A. S., Bakri, B., Alsadek, A. S., Alsibae, R. H., Alasfar, E. M., Albakour, A. H., Aljouja, A. Y., Alshaikhwais, N. A., Fares, F. A., Flood, P. D., Jnaid, H., Najib, A. A., Saloom, et al
2019; 9 (3): 94–106
- **Diseases, Injuries, and Risk Factors in Child and Adolescent Health, 1990 to 2017: Findings From the Global Burden of Diseases, Injuries, and Risk Factors 2017 Study.** *JAMA pediatrics*
Reiner, R. C., Olsen, H. E., Ikeda, C. T., Echko, M. M., Ballestreros, K. E., Manguerra, H., Martopullo, I., Millea, A., Shields, C., Smith, A., Strub, B., Abebe, M., Abebe, et al
2019; 173 (6): e190337
- **Child and adolescent health in northwestern Syria: findings from Healthy-Syria 2017 study.** *Avicenna journal of medicine*
Terkawi, A. S., Bakri, B., Alsadek, A. S., Al-Hasan, A. H., Alrahal, M. S., Alsaleh, F. M., Alsatouf, F. A., Arab, M. A., Jnaid, H., Hadid, A. A., Terkawi, R. S., Zahran, M. M., Alghannam, et al
2019; 9 (2): 61-74
- **Mapping 123 million neonatal, infant and child deaths between 2000 and 2017.** *Nature*
Burststein, R. n., Henry, N. J., Collison, M. L., Marczak, L. B., Sligar, A. n., Watson, S. n., Marquez, N. n., Abbasalizad-Farhangi, M. n., Abbasi, M. n., Abd-Allah, F. n., Abdoli, A. n., Abdollahi, M. n., Abdollahpour, et al
2019; 574 (7778): 353–58
- **Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017** *LANCET*
Stanaway, J. D., Afshin, A., Gakidou, E., Lim, S. S., Abate, D., Abate, K., Abbafati, C., Abbasi, N., Abbastabar, H., Abd-Allah, F., Abdela, J., Abdelalim, A., Abdollahpour, et al
2018; 392 (10159): 1923–94
- **Population and fertility by age and sex for 195 countries and territories, 1950-2017: a systematic analysis for the Global Burden of Disease Study 2017** *LANCET*
Murray, C. J. L., Callender, C. H., Kulikoff, X., Srinivasan, V., Abate, D., Abate, K., Abay, S. M., Abbasi, N., Abbastabar, H., Abdela, J., Abdelalim, A., Abdel-Rahman, O., Abdi, et al

2018; 392 (10159): 1995–2051

- **Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017** *LANCET*
Kyu, H., Abate, D., Abate, K., Abay, S. M., Abbafati, C., Abbasi, N., Abbastabar, H., Abd-Allah, F., Abdela, J., Abdelalim, A., Abdollahpour, I., Abdulkader, R., Abebe, et al
2018; 392 (10159): 1859–1922
- **Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017** *LANCET*
Lozano, R., Fullman, N., Abate, D., Abay, S. M., Abbafati, C., Abbasi, N., Abbastabar, H., Abd-Allah, F., Abdela, J., Abdelalim, A., Abdel-Rahman, O., Abdi, A., Abdollahpour, et al
2018; 392 (10159): 2091–2138
- **Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980-2017: a systematic analysis for the Global Burden of Disease Study 2017** *LANCET*
Roth, G. A., Collaborators, G., Abate, D., Abate, K., Abay, S. M., Abbafati, C., Abbasi, N., Abbastabar, H., Abd-Allah, L., Abdela, J., Abdelalim, A., Abdollahpour, I., Abdulkader, et al
2018; 392 (10159): 1736–88
- **Global, regional, and national age-sex-specific mortality and life expectancy, 1950-2017: a systematic analysis for the Global Burden of Disease Study 2017** *LANCET*
Dicker, D., Nguyen, G., Abate, D., Abate, L., Abay, S. M., Abbafati, C., Abbasi, N., Abbastabar, H., Abd-Allah, F., Abdela, J., Abdelalim, A., Abdel-Rahman, O., Abdi, et al
2018; 392 (10159): 1684–1735
- **Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017** *LANCET*
James, S. L. G., Abate, D., Abate, K., Abay, S. M., Abbafati, C., Abbasi, N., Abbastabar, H., Abd-Allah, F., Abdela, J., Abdelalim, A., Abdollahpour, I., Abdulkader, R., Abebe, et al
2018; 392 (10159): 1789–1858
- **Transport injuries and deaths in the Eastern Mediterranean Region: findings from the Global Burden of Disease 2015 Study.** *International journal of public health*
2018; 63 (Suppl 1): 187-198
- **Burden of diarrhea in the Eastern Mediterranean Region, 1990-2015: Findings from the Global Burden of Disease 2015 study.** *International journal of public health*
2018; 63 (Suppl 1): 109-121
- **The burden of mental disorders in the Eastern Mediterranean region, 1990-2015: findings from the global burden of disease 2015 study.** *International journal of public health*
2018; 63 (Suppl 1): 25-37
- **Intentional injuries in the Eastern Mediterranean Region, 1990-2015: findings from the Global Burden of Disease 2015 study.** *International journal of public health*
2018; 63 (Suppl 1): 39-46
- **Maternal mortality and morbidity burden in the Eastern Mediterranean Region: findings from the Global Burden of Disease 2015 study.** *International journal of public health*
2018; 63 (Suppl 1): 47-61
- **Adolescent health in the Eastern Mediterranean Region: findings from the global burden of disease 2015 study.** *International journal of public health*
2018; 63 (Suppl 1): 79-96
- **In Reply.** *Anesthesiology*
Terkawi, A. S., Nemergut, E. C., Sessler, D. I.
2018; 128 (2): 421-422
- **Measuring performance on the Healthcare Access and Quality Index for 195 countries and territories and selected subnational locations: a systematic analysis from the Global Burden of Disease Study 2016.** *Lancet (London, England)*

2018; 391 (10136): 2236–71

- **Danger ahead: the burden of diseases, injuries, and risk factors in the Eastern Mediterranean Region, 1990-2015.** *International journal of public health*
2018; 63 (Suppl 1): 11–23
- **Burden of obesity in the Eastern Mediterranean Region: findings from the Global Burden of Disease 2015 study.** *International journal of public health*
2018; 63 (Suppl 1): 165–76
- **Global, regional, and national under-5 mortality, adult mortality, age-specific mortality, and life expectancy, 1970-2016: a systematic analysis for the Global Burden of Disease Study 2016** *LANCET*
Wang, H., Abajobir, A., Abate, K., Abbafati, C., Abbas, K. M., Abd-Allah, F., Abera, S., Abraha, H., Abu-Raddad, L. J., Abu-Rmeileh, N. M. E., Adedeji, I., Adedoyin, R., Adetifa, et al
2017; 390 (10100): 1084–1150
- **Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016** *LANCET*
Gakidou, E., Afshin, A., Abajobir, A., Abate, K., Abbafati, C., Abbas, K. M., Abd-Allah, F., Abdulle, A. M., Abera, S., Aboyans, V., Abu-Raddad, L. J., Abu-Rmeileh, N. M. E., Abyu, et al
2017; 390 (10100): 1345–1422
- **Global, regional, and national age-sex specific mortality for 264 causes of death, 1980-2016: a systematic analysis for the Global Burden of Disease Study 2016** *LANCET*
Naghavi, M., Abajobir, A., Abbafati, C., Abbas, K. M., Abd-Allah, F., Abera, S., Aboyans, V., Adetokunboh, O., Arnlov, J., Afshin, A., Agrawal, A., Kiadaliri, A., Ahmadi, et al
2017; 390 (10100): 1151–1210
- **The Effect of Ondansetron on Acute Opioid Tolerance in Patients Receiving Intrathecal Opioids Prior to Cesarean Delivery.** *Regional anesthesia and pain medicine*
Greer, K. C., Terkawi, A. S., Tsang, S., Singla, P., Durieux, M. E., Tiourine, M.
2017; 42 (5): 669-673
- **Burden of musculoskeletal disorders in the Eastern Mediterranean Region, 1990-2013: findings from the Global Burden of Disease Study 2013.** *Annals of the rheumatic diseases*
Moradi-Lakeh, M., Forouzanfar, M. H., Vollset, S. E., El Bcheraoui, C., Daoud, F., Afshin, A., Charara, R., Khalil, I., Higashi, H., Abd El Razek, M. M., Kiadaliri, A. A., Alam, K., Akseer, et al
2017; 76 (8): 1365-1373
- **Health Effects of Overweight and Obesity in 195 Countries over 25 Years** *NEW ENGLAND JOURNAL OF MEDICINE*
Afshin, A., Forouzanfar, M. H., Reitsma, M. B., Sur, P., Estep, K., Lee, A., Marczak, L., Mokdad, A. H., Moradi-Lakeh, M., Naghavi, M., Salama, J. S., Vos, T., Abate, et al
2017; 377 (1): 13–27
- **Child and Adolescent Health From 1990 to 2015 Findings From the Global Burden of Diseases, Injuries, and Risk Factors 2015 Study** *JAMA PEDIATRICS*
Kassebaum, N., Hmwe Kyu, H., Zoeckler, L., Elizabeth Olsen, H., Thomas, K., Pinho, C., Bhutta, Z. A., Dandona, L., Ferrari, A., Ghiwot, T., Hay, S. I., Kinfu, Y., Liang, et al
2017; 171 (6): 573–92
- **Healthcare Access and Quality Index based on mortality from causes amenable to personal health care in 195 countries and territories, 1990-2015: a novel analysis from the Global Burden of Disease Study 2015.** *Lancet (London, England)*
2017
- **Guidelines for developing, translating, and validating a questionnaire in perioperative and pain medicine.** *Saudi journal of anaesthesia*
Tsang, S., Royse, C. F., Terkawi, A. S.
2017; 11 (Suppl 1): S80-S89
- **Pain Management Modalities after Total Knee Arthroplasty: A Network Meta-analysis of 170 Randomized Controlled Trials.** *Anesthesiology*
Terkawi, A. S., Mavridis, D., Sessler, D. I., Nunemaker, M. S., Doais, K. S., Terkawi, R. S., Terkawi, Y. S., Petropoulou, M., Nemergut, E. C.
2017; 126 (5): 923-937

- **Development and validation of Arabic version of the Short-Form McGill Pain Questionnaire.** *Saudi journal of anaesthesia*
Terkawi, A. S., Tsang, S., Abolkhair, A., Alsharif, M., Alswiti, M., Alsadoun, A., AlZoraigi, U. S., Aldahri, S. F., Al-Zhahrani, T., Altirkawi, K. A.
2017; 11 (Suppl 1): S2-S10
- **Development and validation of Arabic version of the Hospital Anxiety and Depression Scale.** *Saudi journal of anaesthesia*
Terkawi, A. S., Tsang, S., AlKahtani, G. J., Al-Mousa, S. H., Al Musaed, S., AlZoraigi, U. S., Alasfar, E. M., Doais, K. S., Abdulrahman, A., Altirkawi, K. A.
2017; 11 (Suppl 1): S11-S18
- **Development and validation of Arabic version of the postoperative quality of recovery scale.** *Saudi journal of anaesthesia*
Terkawi, A. S., Tsang, S., Riad, W., Nassar, S. N., Mahmoud, M., AlKahtani, G. J., Alsharif, H. H., Doais, K. S., Sala, F. J., Abdulrahman, A., Royse, C. F.
2017; 11 (Suppl 1): S19-S30
- **Development and validation of Arabic version of the douleur neuropathique 4 questionnaire.** *Saudi journal of anaesthesia*
Terkawi, A. S., Abolkhair, A., Didier, B., Alzhahrani, T., Alsohaibani, M., Terkawi, Y. S., Almoqbal, Y., Tolba, Y. Y., Pangililan, E., Foula, F., Tsang, S.
2017; 11 (Suppl 1): S31-S39
- **Development and validation of Arabic version of the postoperative quality of recovery-40 questionnaire.** *Saudi journal of anaesthesia*
Terkawi, A. S., Myles, P. S., Riad, W., Nassar, S. N., Mahmoud, M., AlKahtani, G. J., Sala, F. J., Abdulrahman, A., Doais, K. S., Terkawi, R. S., Tsang, S.
2017; 11 (Suppl 1): S40-S52
- **Development and validation of Arabic version of the Neuropathic Pain Questionnaire-Short Form.** *Saudi journal of anaesthesia*
Terkawi, A. S., Backonja, M. M., Abolkhair, A., Almaharbi, S., Joy, J., Foula, F., Alswiti, M., Terkawi, Y. S., Al-Zhahrani, T., Alghamdi, F. S., Tsang, S.
2017; 11 (Suppl 1): S53-S62
- **Development and validation of Arabic version of the pain catastrophizing scale.** *Saudi journal of anaesthesia*
Terkawi, A. S., Sullivan, M., Abolkhair, A., Al-Zhahrani, T., Terkawi, R. S., Alasfar, E. M., Khait, S. S., Elkabbani, A., Kabbani, N., Altirkawi, K. A., Tsang, S.
2017; 11 (Suppl 1): S63-S70
- **The Burden of Mental Disorders in the Eastern Mediterranean Region, 1990-2013.** *PloS one*
Charara, R., Forouzanfar, M., Naghavi, M., Moradi-Lakeh, M., Afshin, A., Vos, T., Daoud, F., Wang, H., El Bcheraoui, C., Khalil, I., Hamadeh, R. R., Khosravi, A., Rahimi-Movaghar, et al
2017; 12 (1): e0169575
- **Measuring progress and projecting attainment on the basis of past trends of the health-related Sustainable Development Goals in 188 countries: an analysis from the Global Burden of Disease Study 2016.** *Lancet (London, England)*
2017; 390 (10100): 1423–59
- **Global, regional, and national disability-adjusted life-years (DALYs) for 333 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016.** *Lancet (London, England)*
2017; 390 (10100): 1260–1344
- **Global, regional, and national incidence, prevalence, and years lived with disability for 328 diseases and injuries for 195 countries, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016.** *Lancet (London, England)*
2017; 390 (10100): 1211–59
- **Burden of Diarrhea in the Eastern Mediterranean Region, 1990-2013: Findings from the Global Burden of Disease Study 2013.** *The American journal of tropical medicine and hygiene*
Khalil, I., Colombara, D. V., Forouzanfar, M. H., Troeger, C., Daoud, F., Moradi-Lakeh, M., Bcheraoui, C. E., Rao, P. C., Afshin, A., Charara, R., Abate, K. H., Razek, M. M., Abd-Allah, et al
2016; 95 (6): 1319-1329
- **Comparison of SEER Sonorheometry With Rotational Thromboelastometry and Laboratory Parameters in Cardiac Surgery.** *Anesthesia and analgesia*
Huffmyer, J. L., Fernandez, L. G., Haghghian, C., Terkawi, A. S., Groves, D. S.
2016; 123 (6): 1390-1399
- **SEER Sonorheometry Versus Rotational Thromboelastometry in Large Volume Blood Loss Spine Surgery.** *Anesthesia and analgesia*

- Naik, B. I., Durieux, M. E., Knisely, A., Sharma, J., Bui-Huynh, V. C., Yalamuru, B., Terkawi, A. S., Nemergut, E. C.
2016; 123 (6): 1380-1389
- **Global, regional, national, and selected subnational levels of stillbirths, neonatal, infant, and under-5 mortality, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015** *LANCET*
Wang, H., Bhutta, Z. A., Coates, M. M., Coggeshall, M., Dandona, L., Diallo, K., Franca, E., Fraser, M., Fullman, N., Gething, P. W., Hay, S. I., Kinfu, Y., Kita, et al
2016; 388 (10053): 1725-74
 - **Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015** *LANCET*
Forouzanfar, M. H., Afshin, A., Alexander, L. T., Anderson, H. R., Bhutta, Z. A., Biryukov, S., Brauer, M., Burnett, R., Cercy, K., Charlson, F. J., Cohen, A. J., Dandona, L., Estep, et al
2016; 388 (10053): 1659-1724
 - **Global, regional, and national disability-adjusted life-years (DALYs) for 315 diseases and injuries and healthy life expectancy (HALE), 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015** *LANCET*
Kassebaum, N. J., Arora, M., Barber, R. M., Bhutta, Z. A., Carter, A., Casey, D. C., Charlson, F. J., Coates, M. M., Coggeshall, M., Cornaby, L., Dandona, L., Dicker, D. J., Erskine, et al
2016; 388 (10053): 1603-1658
 - **Global, regional, and national levels of maternal mortality, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015** *LANCET*
Kassebaum, N. J., Barber, R. M., Bhutta, Z. A., Dandona, L., Gething, P. W., Hay, S. I., Kinfu, Y., Larson, H. J., Liang, X., Lim, S. S., Lopez, A. D., Lozano, R., Mensah, et al
2016; 388 (10053): 1775-1812
 - **Measuring the health-related Sustainable Development Goals in 188 countries: a baseline analysis from the Global Burden of Disease Study 2015** *LANCET*
Lim, S. S., Allen, K., Bhutta, Z. A., Dandona, L., Forouzanfar, M. H., Fullman, N., Gething, P. W., Goldberg, E. M., Hay, S. I., Holmberg, M., Kinfu, Y., Kutz, M. J., Larson, et al
2016; 388 (10053): 1813-1850
 - **Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015** *LANCET*
Wang, H., Naghavi, M., Allen, C., Barber, R. M., Bhutta, Z. A., Carter, A., Casey, D. C., Charlson, F. J., Chen, A. Z., Coates, M. M., Coggeshall, M., Dandona, L., Dicker, et al
2016; 388 (10053): 1459-1544
 - **Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015** *LANCET*
Vos, T., Allen, C., Arora, M., Barber, R. M., Bhutta, Z. A., Brown, A., Carter, A., Casey, D. C., Charlson, F. J., Chen, A. Z., Coggeshall, M., Cornaby, L., Dandona, et al
2016; 388 (10053): 1545-1602
 - **Health in times of uncertainty in the eastern Mediterranean region, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013.** *The Lancet. Global health*
Mokdad, A. H., Forouzanfar, M. H., Daoud, F., El Bcheraoui, C., Moradi-Lakeh, M., Khalil, I., Afshin, A., Tuffaha, M., Charara, R., Barber, R. M., Wagner, J., Cercy, K., Kravitz, et al
2016; 4 (10): e704-13
 - **Effects of hydroxyethyl starch 6 % (130/0.4) on blood loss during cesarean delivery: a propensity-matched analysis.** *Journal of anesthesia*
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