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【患者様へ】

2022年より新しくなりました総合診療科では、以下の3つの役割を担ってまいります。

1. 急性期外来診療

熱が出た、お腹が痛いなど、急に体調が悪くなった際にご相談ください。当院に受診されたことがなくても、また紹介状がなくても、予約なくお気軽にご相談いただける医療を目指します。

近隣の医療機関の方々へ：

予約取得にかかわらず、お急ぎの際は総合相談支援センター（医療連携）を通してお気軽にご相談ください。

2. 急性期入院診療

感染症（尿路感染症など）や原因不明の病気、加齢に関連する病気（誤嚥性肺炎など）で入院加療が必要な際は、当科にて治療を行います。

3. 地域医療

もう少しリハビリしたら家に帰れられる、家の介護の状況が整うまでもう少し入院したい、そのような場合は地域包括ケア病棟のご利用をご検討ください。ご自身やご家族がお家に帰る準備するための入院も、総合診療科は地域包括ケア病棟で担ってまいります。

【医療従事者の方へ】

東京医科大学茨城医療センターではこの度、日本に総合診療・EBM の概念を浸透させた先駆者であり、長年聖路加国際病院で理事長、院長を務められた福井次矢新病院長のもと、2022年1月より総合診療科を大幅に刷新いたしました。地域医療の活性化を図るとともに、医学教育にも力を注ぐことで実りある卒後臨床研修を行える環境を作りたいと考えております。またこれまでの経験を基に、臨床研究を行いエビデンスを創出できる土壌を作ってまいります。

過去3年の研究業績

Fukui S, Inui A, Saita M, **Kobayashi D**, Naito T. Clinical prediction rule for bacteremia with pyelonephritis and hospitalization judgment: chi-square automatic interaction detector (CHAID) decision tree analysis model. J Int Med Res. 2022 Jan;50(1):3000605211065658. doi: 10.1177/03000605211065658. PMID: 34986702; PMCID: PMC8743944.

Kayama M, Aoki Y, Matsuo T, **Kobayashi D**, Taki F. Concerns and desires of healthcare workers caring for patients with COVID-19 in April and July 2020 in Japan: a qualitative study of open-ended survey comments. BMJ Open. 2022 Jan 7;12(1):e051335. doi: 10.1136/bmjopen-2021-051335. PMID: 34996787; PMCID: PMC8743838.

Fukui S, Shimbo T, **Kobayashi D**. Both increased and decreased sleep duration over time are associated with subsequent cancer development. Sleep Breath. 2021 Dec 3. doi: 10.1007/s11325-021-02517-7. Epub ahead of print. PMID: 34860321.

Kobayashi D, Yamamoto K, Kimura T, Shimbo T. Aspartate aminotransferase/alanine aminotransferase ratio and subsequent cancer development. Cancer Med. 2021 Dec 1. doi: 10.1002/cam4.4473. Epub ahead of print. PMID: 34850600.

Fukui S, Inui A, Saita M, **Kobayashi D**, Naito T. Clinical prediction rule for bacteremia with pyelonephritis and hospitalization judgment: chi-square automatic interaction detector (CHAID) decision tree analysis model. J Int Med Res. 2022 Jan;50(1):3000605211065658. doi: 10.1177/03000605211065658. PMID: 34986702; PMCID: PMC8743944.

Yamamoto K, Ikeya T, Fukuda K, **Kobayashi D**. Comparison in the Development of colorectal cancer after screening colonoscopy between elderly and younger population. EJCP (article in press)

Osugi Y, Ishiguro K, **Kobayashi D**. Association Between Antidiarrheal Drug Prescription and Return Visits Among Adult Patients With Acute Diarrhea. *Cureus*. 2021 Oct 15;13(10):e18807. doi: 10.7759/cureus.18807. PMID: 34796079; PMCID: PMC8590859.

Kobayashi D, Yokota K, Yamagata-Uyama S, Saito M. Factors associated with the detection of norovirus among asymptomatic adults. *Clin Microbiol Infect*. 2021 Jun 11:S1198-743X(21)00321-9. doi: 10.1016/j.cmi.2021.06.004. Epub ahead of print. PMID: 34126230.

Numata K, Matsubara T, Okumura Y, Kondo K, Shirakami M, **Kobayashi D**. Development of Clinical Skills and Confidence Questionnaire for Triage and Action Minor Emergency Course: Test-Retest Exam. *Cureus*. 2021 Sep 10;13(9):e17864. doi: 10.7759/cureus.17864. PMID: 34660066; PMCID: PMC8502750.

Matsuo T, Taki F, **Kobayashi D**, Jinta T, Suzuki C, Ayabe A, Sakamoto F, Kitaoka K, Uehara Y, Mori N, Fukui T. Health care worker burnout after the first wave of the coronavirus disease 2019 (COVID-19) pandemic in Japan. *J Occup Health*. 2021 Jan;63(1):e12247. doi: 10.1002/1348-9585.12247. PMID: 34375497; PMCID: PMC8354617.

Tomita S, Kuga T, Osugi Y, **Kobayashi D**. Factors associated with the accomplishment of home death among patients receiving physician-led home healthcare. *Geriatr Gerontol Int*. 2021 Jun;21(6):525-531. doi: 10.1111/ggi.14173. Epub 2021 Apr 27. PMID: 33904229.

Kobayashi N, Noguchi T, **Kobayashi D**, et al. Safety and Efficacy of Percutaneous Vertebroplasty for Osteoporotic Vertebral Compression Fractures: A Multicenter Retrospective Study in Japan. *Interventional Radiology*. 2021;6(2):21-28.

Yamamoto K, Ikeya T, Okuyama S, Fukuda K, **Kobayashi D**. Association between the Frequency of Daily Toothbrushing and Development of Nonalcoholic Fatty Liver Disease. *Dig Dis*. 2021;39(6):646-652. doi: 10.1159/000514930. Epub 2021 Feb 3. PMID: 33535206.

Wake M, **Kobayashi D**. Associations between plasma levels of omega-3 fatty acids and subsequent allergic diseases. *Clin Nutr ESPEN*. 2021 Apr;42:318-324. doi: 10.1016/j.clnesp.2021.01.013. Epub 2021 Feb 3. PMID: 33745599.

Hirano K, Shimbo T, Komatsu Y, **Kobayashi D**. Frequency of tooth brushing as a predictive factor for future kidney function decline. *J Nephrol*. 2021 Feb 22. doi: 10.1007/s40620-021-

00987-2. Epub ahead of print. PMID: 33616857.

Numata K, Matsubara T, **Kobayashi D**. Improvement of physician's confidence in handling minor emergencies before/after triage and action minor emergency course. *Acute Med Surg*. 2021 Jan 19;8(1):e624. doi: 10.1002/ams2.624. PMID: 33510898; PMCID: PMC7814961.

Yamamoto K, Ikeya T, Okuyama S, Okamoto T, Fukuda K, **Kobayashi D**. Negative correlation of high serum bilirubin with cancer development in adults without hepatobiliary disease. *Eur J Cancer Prev*. 2021 Jan;30(1):69-75. doi: 10.1097/CEJ.0000000000000643. PMID: 33086248.

Matsuo T, Takahashi O, Kitaoka K, Arioka H, **Kobayashi D**. Resident Burnout and Work Environment. *Intern Med*. 2021 May 1;60(9):1369-1376. doi: 10.2169/internalmedicine.5872-20. Epub 2020 Dec 7. PMID: 33281158; PMCID: PMC8170257.

Yamamoto K, Ikeya T, Okuyama S, Fukuda K, **Kobayashi D**. The association between non-alcoholic fatty liver disease (with or without metabolic syndrome) and extrahepatic cancer development. *J Gastroenterol Hepatol*. 2021 Jul;36(7):1971-1978. doi: 10.1111/jgh.15350. Epub 2020 Dec 13. PMID: 33201570.

Kuriyama N, Ozaki E, Koyama T, Matsui D, Watanabe I, Tomida S, Nagamitsu R, Hashiguchi K, Inaba M, Yamada S, Horii M, Mizuno S, Yoneda Y, Kurokawa M, **Kobayashi D**, Fukuda S, Iwasa K, Watanabe Y, Uehara R. Evaluation of myostatin as a possible regulator and marker of skeletal muscle-cortical bone interaction in adults. *J Bone Miner Metab*. 2021 May;39(3):404-415. doi: 10.1007/s00774-020-01160-8. Epub 2020 Oct 12. PMID: 33044569.

Kobayashi D, Shimbo T. Longitudinal sleep duration and subsequent development of cancer in the Japanese population. *Neoplasma*. 2020 Sep;67(5):1182-1190. doi: 10.4149/neo_2020_200219N154. Epub 2020 Jul 24. PMID: 32701356.

Kobayashi D, Mizuno A, Mitsui R, Shimbo T. Frequency of daily tooth brushing and subsequent cardiovascular events. *Coron Artery Dis*. 2020 Sep;31(6):545-549. doi: 10.1097/MCA.0000000000000882. PMID: 32310852.

Kobayashi D, Mizuno A, Shimbo T, Aida A, Noto H. The association of repeatedly measured low-density lipoprotein cholesterol and all-cause mortality and cardiovascular disease in dyslipidemic patients: A longitudinal study. *Int J Cardiol*. 2020 Jul 15;311:97-103. doi:

10.1016/j.ijcard.2020.03.011. Epub 2020 Mar 6. PMID: 32173131.

Kobayashi D, Kuriyama N, Noto H, Aida A, Takahashi O, Shimbo T. Development of malignancies and changes in time-dependent hemoglobin A1c among a nondiabetic population: longitudinal analysis. *Acta Diabetol.* 2020 Feb;57(2):189-196. doi: 10.1007/s00592-019-01396-5. Epub 2019 Aug 9. PMID: 31399781.

Kobayashi D, Noto H, Takahashi O, Shimbo T. Glycemic variability and subsequent malignancies among the population without diabetes. *Diabetes Res Clin Pract.* 2020 Jan;159:107987. doi: 10.1016/j.diabres.2019.107987. Epub 2019 Dec 19. PMID: 31866528.

Kobayashi D, First MB, Shimbo T, Kanba S, Hirano Y. Association of self-reported religiosity with the development of major depression in multireligious country Japan. *Psychiatry Clin Neurosci.* 2020 Oct;74(10):535-541. doi: 10.1111/pcn.13087. Epub 2020 Jul 5. PMID: 32618044; PMCID: PMC7586836.

Tasaki A, Nozaki T, Morita W, **Kobayashi D**, Phillips BB, Kitamura N. The relationship between high-signal intensity changes in the glenohumeral joint capsule on MRI and clinical shoulder symptoms. *Asia Pac J Sports Med Arthrosc Rehabil Technol.* 2020 Jul 31;22:27-33. doi: 10.1016/j.asmart.2020.06.001. PMID: 32802748; PMCID: PMC7398897.

Miyazawa R, Matsusako M, Nozaki T, **Kobayashi D**, Kojima F, Bando T, Tateishi U. Incidental mediastinal masses detected at low-dose CT screening: prevalence and radiological characteristics. *Jpn J Radiol.* 2020 Dec;38(12):1150-1157. doi: 10.1007/s11604-020-01015-2. Epub 2020 Jul 7. PMID: 32638279.

Matsuo T, Deshpande GA, Arioka H, **Kobayashi D**. Association of Residency Training With Metabolic Measures. *JAMA Netw Open.* 2020 Apr 1;3(4):e205120. doi: 10.1001/jamanetworkopen.2020.5120. PMID: 32352528; PMCID: PMC7193327.

Yamamoto K, Takahashi O, **Kobayashi D**. Comparison of risk factors between human intestinal and gastric Anisakiasis. *Parasitol Int.* 2020 Apr;75:102024. doi: 10.1016/j.parint.2019.102024. Epub 2019 Nov 12. PMID: 31730806.

Kanemura H, Tamura T, Nishimura N, **Kobayashi D**, Higashi T. Thymic epithelial tumor treatment in Japan: analysis of hospital cancer registry and insurance claims data, 2012-2014.

Jpn J Clin Oncol. 2020 Mar 9;50(3):310-317. doi: 10.1093/jjco/hyz167. PMID: 31829410; PMCID: PMC7061247.

M Matsuda K, Arioka H, **Kobayashi D**. Risk factors of partial IgA deficiency among low serum IgA patients: a retrospective observational study. Cent Eur J Immunol. 2020;45(2):189-194. doi: 10.5114/ceji.2020.97908. Epub 2020 Jul 27. PMID: 33456330; PMCID: PMC7792431.

Kobayashi D, Goto R, Tsugawa Y. Impact of improved price transparency on patients' demand of healthcare services. Soc Sci Med. 2019 Aug;235:112390. doi: 10.1016/j.socscimed.2019.112390. Epub 2019 Jul 9. PMID: 31325901.

Kobayashi D, Takahashi O, Shimbo T. Frequency of Daily Tooth Brushing and Development of any Type of Malignancy. Anticancer Res. 2019 Aug;39(8):4415-4421. doi: 10.21873/anticancer.13613. PMID: 31366539.

Kobayashi D, Noto H, Shimbo T, Ino T, Osugi Y, Takahashi O, Asai K. Repeated measures of extremely high levels of high-density lipoprotein cholesterol and subsequent all-cause mortality and cardiovascular events: A longitudinal study. Atherosclerosis. 2019 Sep;288:17-25. doi: 10.1016/j.atherosclerosis.2019.06.918. Epub 2019 Jun 29. PMID: 31295627.

Kobayashi D, Shimbo T, Hayashi H, Takahashi O. Shiatsu for chronic lower back pain: Randomized controlled study. Complement Ther Med. 2019 Aug;45:33-37. doi: 10.1016/j.ctim.2019.05.019. Epub 2019 May 16. PMID: 31331579.

Kobayashi D, Shimbo T, Noto H, Eto H, Takahashi O, Higuchi T. Low level of hemoglobin A1c and the increased incidence of herpes zoster: longitudinal study. Eur J Clin Microbiol Infect Dis. 2019 Aug;38(8):1539-1545. doi: 10.1007/s10096-019-03584-1. Epub 2019 May 20. PMID: 31111373.

Kobayashi D, Kuriyama N, Yanase F, Takahashi O, Aoki K, Komatsu Y. Angiotensin-converting enzyme inhibitor/angiotensin II receptor blocker use prior to medical intensive care unit admission and in-hospital mortality: propensity score-matched cohort study. J Nephrol. 2019 Aug;32(4):595-603. doi: 10.1007/s40620-019-00603-4. Epub 2019 Apr 1. PMID: 30937855.

Kobayashi D, Hayashi H, Kuga H, Kuriyama N, Terasawa Y, Osugi Y, Takahashi O, Deshpande G, Kawachi I. Alcohol consumption behaviours in the immediate aftermath of earthquakes:

time series study. *BMJ Open*. 2019 Mar 7;9(3):e026268. doi: 10.1136/bmjopen-2018-026268. PMID: 30850415; PMCID: PMC6429926.

Kobayashi D, Saito M, Heike Y, Yokota K, Arioka H, Oshitani H. The association between consuming bivalves, and acute gastroenteritis and norovirus in Tokyo, Japan. *J Med Virol*. 2019 Jun;91(6):986-996. doi: 10.1002/jmv.25416. Epub 2019 Feb 7. PMID: 30698827.

Osugi Y, Ino T, **Kobayashi D**, Iwata M, Asai K. Effect of continuation of antiplatelet therapy on survival in patients receiving physician home visits. *BMC Geriatr*. 2019 Dec 23;19(1):366. doi: 10.1186/s12877-019-1394-6. PMID: 31870311; PMCID: PMC6929486.

Oguri N, Ikeya T, **Kobayashi D**, Yamamoto K, Yoshimoto T, Takasu A, Okamoto T, Shiratori Y, Okuyama S, Takagi K, Nakamura K, Fukuda K. Effectiveness of risk scoring systems in predicting endoscopic treatment in colonic diverticular bleeding. *J Gastroenterol Hepatol*. 2020 May;35(5):815-820. doi: 10.1111/jgh.14901. Epub 2019 Dec 9. PMID: 31677183; PMCID: PMC7318164.

Ochi T, Bianchini G, Ando M, Nozaki F, **Kobayashi D**, Criscitiello C, Curigliano G, Iwamoto T, Niikura N, Takei H, Yoshida A, Takei J, Suzuki K, Yamauchi H, Hayashi N. Predictive and prognostic value of stromal tumour-infiltrating lymphocytes before and after neoadjuvant therapy in triple negative and HER2-positive breast cancer. *Eur J Cancer*. 2019 Sep;118:41-48. doi: 10.1016/j.ejca.2019.05.014. Epub 2019 Jul 11. PMID: 31302586.

Kameoka J, Kikukawa M, **Kobayashi D**, Okubo T, Ishii S, Kagaya Y. A Medical Record Peer-Review System to Evaluate Residents' Clinical Competence: Criterion Validity Analysis. *Tohoku J Exp Med*. 2019 Aug;248(4):253-260. doi: 10.1620/tjem.248.253. PMID: 31434837.

Saito Y, Noto H, Takahashi O, **Kobayashi D**. Visit-to-Visit Hemoglobin A1c Variability Is Associated With Later Cancer Development in Patients With Diabetes Mellitus. *Cancer J*. 2019 Jul/Aug;25(4):237-240. doi: 10.1097/PPO.0000000000000387. PMID: 31335385.

Hirano K, **Kobayashi D**, Kohtani N, Uemura Y, Ohashi Y, Komatsu Y, Yanagita M, Hishida A. Optimal follow-up intervals for different stages of chronic kidney disease: a prospective observational study. *Clin Exp Nephrol*. 2019 May;23(5):613-620. doi: 10.1007/s10157-018-01684-4. Epub 2019 Jan 28. PMID: 30687877; PMCID: PMC6469834.

Namura M, Tsunoda H, **Kobayashi D**, Enokido K, Yoshida A, Watanabe T, Suzuki K, Nakamura S, Yamauchi H, Hayashi N. The Loss of Lymph Node Metastases After Neoadjuvant Chemotherapy in Patients With Cytology-proven Axillary Node-positive Primary Breast Cancer. *Clin Breast Cancer*. 2019 Aug;19(4):278-285. doi: 10.1016/j.clbc.2019.03.001. Epub 2019 Mar 11. PMID: 30975473.

Numata K, Shiga T, Omura K, Umibe A, Hiraoka E, Yamanaka S, Azuma H, Yamada Y, **Kobayashi D**. Comparison of acute vertigo diagnosis and treatment practices between otolaryngologists and non-otolaryngologists: A multicenter scenario-based survey. *PLoS One*. 2019 Mar 7;14(3):e0213196. doi: 10.1371/journal.pone.0213196. PMID: 30845218; PMCID: PMC6405109.