***Тепловидение в эксклюзивных контекстах (Смесь – Miscellania)***

1. Способ определения давности местного повреждения мягких тканей (авт.: Витер В.И., Поздеев Р.А., Вавилов А.Ю., Коротун В.Н., Лесников В.В.). Патент RU 2527837. 2014.
2. Способ инфракрасной дифференциальной экспресс-диагностики кровоподтека и ушиба мягких тканей (авт.: Ураков А.Л., Уракова Н.А., Насыров М.Р., Фишер Е.Л.) // Патент RU 2577510. 2015.
3. Способ инфракрасной томографии поверхности тела при судебномедицинском освидетельствовании живых лиц (авт.: Ураков А.Л. Уракова Н.А., Никитюк Д.Б., Насыров М.Р., Фишер Е.Л., Чернова Л.В.). Патент RU 2581718. 2015.
4. Способ идентификации реальных биологических и потусторонних объектов и устройство для его осуществления (авт.: Болотин Н.Б.). Заявка на изобретение №2003128456, МПК А61В 5/117, G01N 21/00. 2003.
5. Бородин Ю.Н., Павлова С.А., Поляков Е.Н. СВЧ-термография при аллергических заболеваниях // Советская медицина. 1989. № 2. С. 19-21.
6. Бородин Ю.П., Павлова Е.Б., Павлова О.Б., Еремин Ю.В. Возможности СВЧ-тепловидения в комплексном обследовании больных в аллергологии, пульмонологии, нефрологии и гастроэнтерологии // Тепловидение в медицине: Тр. Всесоюз. конф. «ТеМП-88». Л., 1990. 2. C. 101-104.
7. Кононова С.А. Диагностика давности телесных повреждений бесконтактным термометрическим методом. Автореф. дис. … к.м.н. М., 2010.
8. Пронин И.В., Щербаков М.И. Применение медицинской термографии в альфитерапии // Биомедицинская радиоэлектроника. 2021 January 2021;1:22-28. DOI: [10.18127/j15604136-202101-03](http://dx.doi.org/10.18127/j15604136-202101-03)
9. Ураков А.Л., Уракова Н.А., Уракова Т.В. и др. Использование тепловизора для оценки постинъекционной и постинфузионной локальной токсичности растворов лекарственных средств // Проблемы экспертизы в медицине. 2009;9,1(33):27-29.
10. Фишер Е.Л., Фишер. Ю.И. О том, как можно отличить кровоподтек от ушиба мягких тканей с помощью тепловизора // Электронный образовательный вестник «Здоровье и образование в XXI веке». 2017;19(5):102-105.
11. Kasatkin A.A. Effect of drugs temperature on infrared spectrum of human tissue // Proceedings of the 17th Congress of the Polish Association of Thermology, Zakopane, March15-17, 2013. Thermology international 2013, 23/2: 72. DOI: 10.13140/2.1.2429.3449
12. Kononova S.A., Markelova N.G., Urakov A.L., Shkljaeva S.E. About possibility of application infra-red thermometry in medicolegal researches of bruises of a skin // Medical examination problems, 2009. 2-3, 15-17.
13. Malchikov A.J., Urakov A.L., Kasatkin A.A. et al. Teplovision visualization medicinal facilities and infiltration by them fabrios at injections // Herald PFUR. Medicine series, 2009, 4, 138-141.
14. Milonov O.B., Lebedeva O.D., Pomelova L.A. The use of echography and thermography in patients with parasitic liver diseases // Sovet. Med. 4,62-67 (1980). [in Russian]
15. Petrova A.A. Infrared thermography in experimental pharmacology to assess the anti-inflammatory activity of potential drugs // Advances in Current Natural Sciences. 2014;(6):107.
16. Schegolev A., Urakov A., Samorodov A. Thermal imaging monitoring of local temperature of isolated and transplanted liver and kidneys as a way to diagnose real time transplantation in the clinic // 2020 Quantitative InfraRed Thermography. January 2020. 2 pp. DOI: 10.21611/qirt.2020.103
17. Urakov A.L. Medical thermopharmacology // Economic bulletin of pharmacy, 2000, N 8, 101-104.
18. Urakov A.L., Ammer K., Urakova N.A. et al. Infrared thermography can discriminate the cause of skin discolourations // Thermology international. 2015;25(4):209-215.
19. Urakov A., Ammer K., Urakova N. et al. Thermal imaging improves the accuracy of forensic medical examination of living persons with bruises of soft tissues // 13th Quantitative InfraRed Thermography (QIRT-2016). July 4-8, 2016, Gdańsk, Poland. P. 83-84.
20. Urakov A.L., Chereshnev V.A., Urakova N.A. et al. Method of evaluating the local drug toxicity. Patent 2396562, RU, 2010.
21. Urakov A.L., Gurevich K., Alies M. et al. The tissue temperature during injection of drug solution into it as an integral indicator of rheology // Journal of Physics Conference Series 1527. April 2020:012003. DOI: [10.1088/1742-6596/1527/1/012003](http://dx.doi.org/10.1088/1742-6596/1527/1/012003)
22. Urakov A., Stolyarenko A.P., Kopitov M.V., Bashirov L.I. Dynamics of the local temperature of blood, pus, mucus and catalase solution when they interact in vitro with a solution of hydrogen peroxide // Thermology international 31/3(2021): 150-152.
23. Urakov A.L., Urakova N.A. Thermography of the skin as a method of increasing local injection safety // Proceedings of the 17th Congress of the Polish Association of Thermology, Zakopane, March15-17, 2013. Thermology international 2013, 23/2: 70-72. DOI: 10.13140/2.1.2429.3449
24. Urakov A.L., Urakova N.A. Temperature of the site of injection in subjects with suspected «Injection disease» (extended abstract) // Thermology International 2014; 24(2): 63-64.
25. Urakov A.L., Urakova N.A., Chernova L.V. et al. Infrared thermography forearm skin in places intradermal injections of blood or solutions of drugs before and after the appearance of the bruise (extended abstract) // Thermology International 2015, 25(2): 66-67.
26. Urakov A.L., Urakova N.A., Kasatkin A.A. Dynamics of temperature and color in the infrared image fingertips hand as indicator of the life and death of a person. Lecture notes of the ICB seminar «Advances of infra-red thermal imaging in medicine» (Warsaw, 30 June – 3 July 2013). Edited by A.Nowakowski, J.Mercer. Warsaw. 2013. P. 99-101.
27. Urakov A., Urakova N., Kasatkin A., Reshetnikov A. Infrared thermography skin at the injection site as a way of timely detection injection disease (extended abstract) // Thermology International 2015, 25 (1): 30.
28. Urakov A.L., Urakova N.A., Samorodov A.V. et al. Thermal Imaging of Local Skin Temperature as Part of Quality and Safety Assessment of Drugs and Injections // Preprint. January 2023. DOI: [10.2139/ssrn.4498672](http://dx.doi.org/10.2139/ssrn.4498672)
29. Urakov A.L., Urakova N.A., ZabokritskIy N.A. et al. Living visualization by teplovizion and morphometriya of thermocontrasting drug infiltrates // Morphological newsletter, 2009, 3-4, 135-137.
30. Urakov A.L., Urakova T.V., Urakova N.A., Kasatkin A.A. Monitoring of infrared radiation in the area of injection as a method of assessing the degree of local aggressiveness of drugs and injector guns // Medical almanac. 2009, N 3, 133-136.
31. Viter V.I., Urakov A.L., Pozdeyev A.R., Kozlova T.S. Evaluation of post-injection complications in forensic practice // Forensic Examination 2013; 1 (33): 79-89.

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1. Abbot N.C., Beck J.S., Harrison D.K., Wilson S.B. Dynamic thermographic imaging for estimation of regional perfusion in the tuberculin reaction in healthy adults // J Immunol Methods. 1993 Jun 4; 162(1):97-107.
2. Aksoy C, Severcan F. Infrared Spectroscopy and Imaging in Stem Cells and Aging Research // Methods Mol Biol. 2019;2045:201-215. doi: 10.1007/7651\_2018\_119
3. Araújo L.T.S., Brioschi M., Teixeira M.J. Termografia Médica na Avaliação de Resposta Terapêutica na Leucemia Linfocítica Crônica // Pan American Journal of Medical Thermology. October 2021;7:001. DOI: [10.18073/pajmt.2020.7.001](http://dx.doi.org/10.18073/pajmt.2020.7.001)
4. Bacon P.A., Davies J., Ring E.F. The use of quantitative thermography to assess the anti-inflammatory dose range for fenclofenac // Proc R Soc Med 1977, 70(Suppl 6):18-19.
5. Baek S.W., Lee J.M., Park Y.B., Park Y.-J. Relationship between tongue temperature estimated by infrared thermography, tongue color, and cold-heat pathological patterns: a retrospective chart review study // Evidence-Based Complementary and Alternative Medicine, 2018, vol. 2018, Article ID 6841460, 8 pp.
6. Benko I., Koteles G.J., Nemeth G. Thermal imaging of the effects of beta-irradiation on human body surface // Proceeding of the Conference on Quantitative Infrared Thermography (QIRT’96), Eurotherm Series 1996 Sep 2 (Vol. 50, pp. 354-359).
7. Brioschi M.L., Moraes Silva F.M.R. Atualização em Termografia Pericial. In: Indicações Atuais da Termografia Infravermelha em Medicina Legal. Chapter. 2013. 21 pp. [in Portuguese].
8. Clark A.T., Mangat J.S., Tay S.S. Facial thermography is a sensitive and specific method for assessing food challenge outcome // Allergy. 2007 Jul;62(7):744-749.
9. Das D.H., Majumder A., Dey Roy S., Bhowmik M.K. Segmentation and Classification for Bruise Severity Detection Using Infrared Imaging // 14th International Conference on Computing Communication and Networking Technologies (ICCCNT), Delhi, India, 2023, pp. 1-7. doi: 10.1109/ICCCNT56998.2023.10306358
10. Dedhiya R., Kakileti S.T., Deepu G. et al. Evaluation of Non-Invasive Thermal Imaging for detection of Viability of Onchocerciasis worms. Evaluation\_of\_Non-Invasive\_Thermal\_Imaging\_for\_det // Preprint. March 2022. 4 pp.
11. De Souza G.A.G.R., Paredes R.S.C., Barros F.S., Neto C.D. Estudo das temperaturas por Termografia em amostras submetidas a energias de raios X // Pan American Journal of Medical Thermology. December 1969;6:43. DOI: [10.18073/pajmt.2019.6.43-47](http://dx.doi.org/10.18073/pajmt.2019.6.43-47) [in Portugal]
12. Desruelle A.-V., Louge P., Richard S. et al. Demonstration by infra-red imaging of a temperature control defect in a decompression sickness model testing minocycline // Frontiers in Physiology 2019; 10 (7), art. no. 933.
13. De Weck A.L., Derer T., Bahre M. Investigation of the anti-allergic activity of azelastine on the immediate and late-phase reactions to allergens and histamine using telethermography // Clin Exp Allergy, 2000;30(2):283-387.
14. dos Santos T.M., Bunn P., Aidar F.J. et al. Correlation between creatine kinase (CK) and thermography: a systematic review with meta-analysis // Motricidade. September 2022;18(3):467-478. DOI: [10.6063/motricidade.26751](http://dx.doi.org/10.6063/motricidade.26751)
15. Doutreleau S., Gautherie M., Lonsdorfer E. et al. Usefulness of finger thermography to assess cyclosporine toxicity after heart transplantation // Transplant Proc. 2001;33(7-8):3318-3319.
16. Eyssautier-Chuine S., Kamel M., Reffuveille F., Bodnar J.L. Thermographic imaging for early detection of biocolonization on buildings // Building Research and Information. March 2020. DOI: [10.1080/09613218.2020.1730740](https://www.researchgate.net/deref/http%3A%2F%2Fdx.doi.org%2F10.1080%2F09613218.2020.1730740?_sg%5B0%5D=YvMrDEfh6uvtYMYmAHxZOtoX1lLy8bxPiy9inqsrvu3tgdK2DUwW_ibRGlXLKQnpqVfYTmL7UZ2HtNO8IQDZwd_mWA.ZEhSaRxwhxej8RrB80oqMDmO9s7C8E_CZC3NPEpZb4p9p70Abqs12WCR9rwLBXp-VCHOMNlzvvSmxzJh8Bu5Hw)
17. Ferrari F.L., Brioschi M., Balbinot L.F., Teixeira M.J. Thermography in larva migrans infestation // Pan American Journal of Medical Thermology. January 2022. 6:75-79. DOI: [10.18073/pajmt.2019.6.75-79](http://dx.doi.org/10.18073/pajmt.2019.6.75-79)
18. Fileva I., Petkova E., Stanev E. et al. Thermovision in diagnostics of allergic diseases // Allergy. 2018;73:140.
19. Fiz J.A., Lozano M., Monte-Morenoc E. et al. Tuberculine reaction measured by infrared thermography // Comput. Methods Programs Biomed. 2015. 122, 199-206.
20. Fleischer C.C., Wu J., Qiu D. et al. The brain thermal response as a potential neuroimaging Biomarker of cerebrovascular impairment //American Journal of Neuroradiology 2017, 38(11): 2044-2051.
21. Font-Aragonés X., Faúndez-Zanuy M., Mekyska J. Thermal hand image segmentation for biometric recognition. IEEE Aerosp Electron Syst Mag. 2013, 28(6):4-14.
22. Gautherie M., Bourjat P., Grosshans E., Quenneville Y. Vasodilator effect of Gingko biloba extract determined by skin thermometry and thermography // Therapie. 1972 Sep-Oct;27(5):881-892. [in French]
23. Gotovac K., Darko K., Nola I.A. Bendelja K. Utilization of thermal imaging for monitoring in vitro processes // ELMAR, 2011 Proceedings of the 53rd International Symposium Electronics in Marine, January 2011. P. 301-303.
24. Hahn F., Hernandez G., Echeverria E., Romanchick E. Escherichia coli detection using thermal images // Can. Biosyst. Eng. 48 (2006) 47-413 (?).
25. Hanawa D., Oguchi K. Noncontact Estimation of Qualitative Flow Velocity in Nasal Breathing by Using Far Infrared Imaging // 2018 IEEE International Conference on Consumer Electronics-Taiwan (ICCE-TW). May 2018. DOI: [10.1109/ICCE-China.2018.8448954](https://www.researchgate.net/deref/http%3A%2F%2Fdx.doi.org%2F10.1109%2FICCE-China.2018.8448954?_sg%5B0%5D=wNJOHYJ5N7bD4YrMcf2AVN6IR54DDHWyDYOCKWotPpZ7LuNnp3VXLb6Oy7uhJD9uhNm_fMtD9Mx6cnpIm2wVL6doGg.f-20SkZg1rfCOQ7LbTD_rnMpHthY7Ff0c0wUq39uVpZlIMOFO8UEl7bkWKMgEvqkRy82TDSbT7bqMEF4h59M5Q)
26. Hanawa D., Takatori R., Oguchi K. Basic Study on Measurement of Multiple Users' Breathing by Using Far Infrared Imaging // 2019 IEEE International Conference on Consumer Electronics - Taiwan (ICCE-TW), May 2019. DOI: [10.1109/ICCE-TW46550.2019.8991825](https://www.researchgate.net/deref/http%3A%2F%2Fdx.doi.org%2F10.1109%2FICCE-TW46550.2019.8991825?_sg%5B0%5D=C9kNFi3s5_x1-UqOoB4NW4jXRY62RsgxP2-wkg7jTNlc7sI4cdGK43eCSQNBv87hzuGnG1KnGDudiadAyApa6EVW4w.k6JFmioFN1agPJRu1bCHqiE41CAEbL5u78KbKyXoJ2wicrKvs-kjFU5T_aFCoKHDEpDnKfHAPBkFIupvFl_N1w)
27. Hoffmann A., Dumke C., Hanschmann K-M. Thermal imaging – a biometric approach for evaluation of local side effects after vaccination (extended abstract) // Thermology International 2015, 25 (1): 20-21.
28. Horáček J., Novotný J. Thermal response of hands to computer work: comparison of three assessment procedures // Studia sportiva, 2019, 13(1), 27-39.
29. Hussain N., Connah D., Ugail H. et al. The use of thermographic imaging to evaluate therapeutic response in human tumour xenograft models // Scientific Reports (2016). Volume 6, Article number: 31136.
30. Jung A., Kalicki B., Zuber J. et al. Thermal imaging for the diagnosis of allergy // Thermol Int. 2003; 13:71.
31. Kaemmerer K., Buntenkötter S. Thermovision als Messsystem in der Pharmakologie [Thermovision as a measuring system in pharmacology] // Dtsch Tierarztl Wochenschr. 1971 May 15;78(10):296-298. [in German]. PMID: 4931179
32. Kelly-Hope L.A., Karim M.J., Mahmood A.S. et al. Infrared Thermal Imaging as a Novel Non-Invasive Point-of-Care Tool to Assess Filarial Lymphoedema // J. Clin. Med. 2021, 10, 2301. 18 pp. <https://doi.org/10.3390/jcm10112301>
33. Kempinska-Podhorodecka A., Szydłowski Ł., Knap O., Parafiniuk M. Zastosowanie termowizji w medycynie sadowej na przykładzie badan prowadzonych w zakładzie medycyny sadowej pomorskiej akademii medycznej w Szczecinie [forensic medicine] // Annales Academiae Medicae Stetinensis, vol. 53, pp. 107-112, 2007. [in Polish]
34. Knish A., Rabin N. Thermal heat distribution features for hand identification // Expert Systems with Applications. 2022;203:117462. <https://doi.org/10.1016/j.eswa.2022.117462>
35. Koteles G.J., Benko I., Nemeth G. Use of thermography in diagnosis of local radiation injuries [letter; comment] // Health Phys. 1998 Feb; 74 (2): 264-265.
36. Kurosaka C., Maruyama T., Yamada S. et al. Estimating core body temperature using electrocardiogram signals // PLoS ONE (2022) 17(6): e0270626. https://doi. org/10.1371/journal.pone.0270626
37. Lahiri B.B., Divya M.P., Bagavathiappan S. et al. Detection of pathogenic gram negative bacteria using infrared thermography // Infrared Phys. Technol. 2012. 55: 485-490.
38. Legrand R., Abi Ghanem M., Plawinski L. et al. Thermal microscopy of single biological cells // Applied Physics Letters, 2015; 107 (26): 263703 DOI: [10.1063/1.4938998](http://dx.doi.org/10.1063/1.4938998)
39. Levine D., Walker J.R., Marcellin-Little D.J. et al. Detection of skin temperature differences using palpation by manual physical therapists and lay individuals // J Man Manip Ther. 2018;26:97-101.
40. [Levy A](https://www.ncbi.nlm.nih.gov/pubmed/?term=Levy%20A%5BAuthor%5D&cauthor=true&cauthor_uid=20620238)., [Dayan A](https://www.ncbi.nlm.nih.gov/pubmed/?term=Dayan%20A%5BAuthor%5D&cauthor=true&cauthor_uid=20620238)., [Ben-David M](https://www.ncbi.nlm.nih.gov/pubmed/?term=Ben-David%20M%5BAuthor%5D&cauthor=true&cauthor_uid=20620238)., [Gannot I](https://www.ncbi.nlm.nih.gov/pubmed/?term=Gannot%20I%5BAuthor%5D&cauthor=true&cauthor_uid=20620238). A new thermography-based approach to early detection of cancer utilizing magnetic nanoparticles theory simulation and in vitro validation // [Nanomedicine.](https://www.ncbi.nlm.nih.gov/pubmed/20620238) 2010 Dec;6(6):786-96. doi: 10.1016/j.nano.2010.06.007
41. Lv C., Wang X., Chen J. et al. A non-invasive measurement of tongue surface temperature // Food Research International 2019, 116, 499-507.
42. Marty W. Thermographie in der Gerichtsmedizin: Anwendungsbeispiele // Thermo Med. 1990, 6, 67-70. [in German]
43. Melada J., Villa F., Giudici M. et al. Investigating the Role of Subaerial Biofilms in Cultural Heritage Conservation with Infrared Thermography // Eng. Proc. 2023, 51, 18. https://doi.org/10.3390/engproc2023051018
44. Moreira-Marconi E., Morel D.S., de-Carvalho S.O. et al. The role of infrared image in the assessment of early effects of a mosquito bite: a brief report // Series on Biomechanics, Vol.32, No.3 (2018), 47-51.
45. Muntinga E. Thermographic skin measurement and osteopathic palpation of tibial intraosseous strains in adults – a comparative pilot study // Thesis presented to the International Jury in Hertenstein, Switzerland; 2013.
46. Murakawa T., Yinliang D., Rashed E.A. et al. Evaluation of SAR and Temperature Rise in Human Hand Due to Contact Current From 100 kHz to 100 MHz // IEEE Access, V. 8, 2020, p. 200995-201004.
47. Noh S.W., Kong H.-J., Park S.Y. et al. Registration of finger vein image using skin surface information for authentication // Proc. SPIE 7251, Image Processing: Machine Vision Applications II, 725113 (2 February 2009). <https://doi.org/10.1117/12.810565>
48. Oya M., Takahashi T., Yabunaka K. et al. Low-temperature infiltration identified using infrared thermography in patients with subcutaneous edema revealed ultrasonographically: A case report // Drug Discoveries & Therapeutics 2016; 10 (2) 117-122.
49. Padole C., Alexandre L.A. Wigner Distribution based Motion Tracking of Human Beings using Thermal Imaging // IEEE CVPR 10, OTCBVS 10 workshop, 2010.
50. Padole C., Alexandre L.A. Motion based Particle Filter for Human Tracking with Thermal Imaging // Third International Conference on Emerging Trends in Engineering and Technology, 2010 IEEE, 158-162. DOI 10.1109/ICETET.2010.120
51. Paulik M.A., Buckholz R.G., Lancaster M.E. et al. Development of infrared imaging to measure thermogenesis in cell culture: thermogenic effects of uncoupling protein-2, troglitazone, and beta-adrenoceptor agonists // Pharm. Res. 15 (1998) 944-949.
52. Prevent Ebola virus with thermal imaging cameras // Thermographie-infrarouge.fr, 2019. [Online]. Available: [http://www.thermographie-infrarouge.fr/prevent-ebola-virus-with-ther mal-imaging-camera.php](http://www.thermographie-infrarouge.fr/prevent-ebola-virus-with-ther%20mal-imaging-camera.php). [Accessed: 11- Jan- 2019].
53. Reissis Y., García-Gareta E., Korda M. et al. The effect of temperature on the viability of human mesenchymal stem cells // Stem Cell Research & Therapy. 2013 Dec;4(6):139.
54. Ribeiro T.P., Silva A., Gabriel J. Thermographic Evolution of Bone Temperature Evolution // EAT2012 Book of Proceedings - Appendix 1 of Thermology international, July 2012;22(3):138-142.
55. Ring E.F., Engel J.M., Page-Thomas D.P. Thermologic methods in clinical pharmacology – skin temperature measurement in drug trials // Int J Clin Pharmacol Ther Toxicol. 1984;22:20-24.
56. Ring E.F.J., Jung A., Zuber J. et al. Detecting Fever in Polish Children by Infrared Thermography // 9th International Conference on Quantitative InfraRed Thermography, Krakow, Poland, (2008), p. 125-128.
57. Roemer J., Pieczonka L., Juszczyk M., Uhl T. Nondestructive Testing of Ceramic Hip Joint Implants with Laser Spot Thermography // Archives of Metallurgy and Materials. December 2017;62(4). 7 pp. DOI: [10.1515/amm-2017-0315](http://dx.doi.org/10.1515/amm-2017-0315)
58. Rok T., Rokita E., Tatoń G. et al. Thermographic imaging as alternative method in allergy diagnosis // J Therm Anal Calorim. 2017;127(2):1163-1170.
59. Salaimeh A.A., Campion J.J., Gharaibeh B.Y. et al. Real-time quantiﬁcation of viable bacteria in liquid medium using infrared thermography // Infrared Phys. Technol. 2011. 54, 517-524.
60. Salaimeh A.A., Campion J.J., Gharaibeh B.Y. et al. Real-time quantification of Staphylococcus aureus in liquid medium using infrared thermography // Infrared Phys. Technol. 55 (2012) 170-172.
61. Schuster A., Thielecke M., Raharimanga V. et al. High-resolution infrared thermography: a new tool to assess tungiasis-associated inflammation of the skin // Tropical Medicine and Health (2017) 45:23. DOI 10.1186/s41182-017-0062-9
62. Seppey M. Facial thermography during nasal provocation tests with histamine and allergen // Allergy, 1993 Jul.
63. Srivastava A., Karthick T., Joshi B.D. et al. Spectroscopic (far or terahertz, mid-infrared and Raman) investigation, thermal analysis and biological activity of piplartine // Spectrochim Acta A Mol Biomol Spectrosc. 2017;184:368-381. doi:10.1016/j.saa.2017.05.007
64. Stanev E., Dencheva M. Thermographic proof of ‘‘Flare up syndrome’’ in patient with allergy to acrylic materials // MedInform. 2018;2:811-822.
65. Strasse W.A.D., de Campos D.P., Mendonça C. et al. Forehead, Temple and Wrist Temperature Assessment of Ethnic Groups using Infrared Technology // Medical Engineering & Physics. February 2022;102:103777. DOI: [10.1016/j.medengphy.2022.103777](http://dx.doi.org/10.1016/j.medengphy.2022.103777)
66. Trentin M.G., Oliveira G.A., Setti D. Thermography: an assessment tool in the ergonomic analysis of a workstation in the foundry industry // Proceedings of the XVIII International Conference on Industrial, Guimaraes, Portugal, 2012, pp. 9-11.
67. Tsai S.-R., Hamblin M. Biological effects and medical applications of infrared radiation // Journal of photochemistry and photobiology. B, Biology. April 2017;170. DOI: [10.1016/j.jphotobiol.2017.04.014](http://dx.doi.org/10.1016/j.jphotobiol.2017.04.014)
68. Unger M., Chalopin C., Neumuth T. Automatic gesture recognition based on thermography // Biomed Tech 2013;58(1).
69. Usuki H., Tai C., Hamano T. et al. Thermographic Examination for Hypothermia // EAT2012 Book of Proceedings - Appendix 1 of Thermology international, July 2012;22(3):88-90.
70. Vardasca R. High agreement between traditional and thermographic evaluation of the tuberculin skin test. Review of a paper by Fiz J.A. et al. Computer Methods and Programs in Biomedicine 2015, 122(2) 199-206 // Thermology International 2016, 26 (2): 55-56.
71. Villaseñor-Mora C., Vega A.G., Garay-Sevilla M.E. et al. Procedure to diagnose onychomycosis through changes in emissivity on infrared images // J Biomed Opt. 2013;18:116005-116005.
72. Wilczynski S. The use of dynamic thermal analysis to distinguish between genuine and counterfeit drugs // International Journal of Pharmaceutics 2015; 490 (1): 16-21. doi:10.1016/j.ijpharm.2015.04.077
73. Xie H., Zhang Y. Relationship between dynamic infrared thermal images and blood perfusion rate of the tongue in anaemia patients // Infrared Physics & Technology, 2018, vol. 89, pp. 27-34.
74. Yoon Y.-S., Kim Y.-S., Ha Y. The New Diagnostic Method for Hyperhidrosis – Digital Infrared Thermographic Imaging // Korean Neurosurg Soc. 1997, 26:715-719.