***Тепловидение в медицине (обзоры)***

1. Вайнер Б.Г. Медицинское тепловидение высокого разрешения: новые возможности // Врач. 1999. № 2. С. 25-27.
2. Вайнер Б.Г. Коротковолновые матричные тепловизоры – оптимальное средство медицинской диагностики и контроля // Больничный лист. 2002. № 9. С. 14-21.
3. Вакуленко Г.А., Пальчи А.М., Аракельян А.М., Аракельян М.А. Тепловые методы диагностики в медицине // Клин. Хирургия. 1996. № 11-12. С. 42-49.
4. Венгер ЕФ. Применение термографии в Украине // Научно-практический журнал. 2015;6:5-15.
5. Венгер Е.Ф., Дунаєвський В.I., Коллюх О.Г, Соловйов Е.О. Тепловiзiйна дiагностика раннього виявлення захворювань людини // [Электроника и связь](https://elibrary.ru/contents.asp?titleid=30148). 2006. Спец. вып. С. 79-83. [in Ukrainian]
6. Воловик М.Г., Долгов И.М. Современные возможности и перспективы развития медицинского тепловидения // Медицинский алфавит. Современная функциональная диагностика. 2018. Т. 25, № 3. С. 45-51.
7. Выховская А.Г., Сандриков В.А. Гольштейн. Клиническое применение термографии (обзор советской и зарубежной литературы) // Вестник хирургии им. И.И.Грекова. 1971 Oct;107(10):143-146. PMID: 4947476
8. Выховская А.Г., Сандриков В.А., Дмитриев Н.П. Некоторые аспекты клинического применения термографии / В кн.: Тепловидение в медицине. Л., 1972, С. 63-67.
9. Дехтярев Ю.П., Нечипорук В.И., Мироненко С.А. и др. Место и роль дистанционной инфракрасной термографии среди современных диагностических методов // Электроника и связь. Тематический выпуск «Электроника и нанотехнологии». 2010. № 2. С. 192-196. [in Ukrainian]
10. Заяц Г.А., Коваль В.Т. Медицинское тепловидение – современный метод функциональной диагностики // Здоровье. Медицинская экология. Наука. 2010. Т. 43. № 3. С. 27-33.
11. Иваницкий Г.Р. Тепловидение в медицине// Вестник РАН. 2006а. 76 (1): 48-62.
12. Иваницкий Г.Р. Современное матричное тепловидение в биомедицине // Успехи физических наук. 2006б. Т 176, № 12. С. 1293-1320.
13. Иваницкий Г.Р., Деев А.А., Маевский Е.И. и др. Возможности термографии в современной медицине: исследование пространственного изменения температуры кожи человека при введении перфторана // ДАН. 2003. Т. 393. № 3. С. 419-423.
14. Иваницкий Г.Р., Деев A.A., Хижняк Е.П. Анализ теплового рельефа на теле человека // Технологии живых систем. 2007. Т. 4, № 5-6. С. 43-50.
15. Иваницкий Г.Р., Деев А.А., Хижняк Е.П., Хижняк Л.Н. Современное матричное тепловидение в биомедицине // Альманах клинической медицины. 2008. Т. XVII. С. 58-62.
16. Кожевникова И.С., Панков М.Н., Грибанов А.В. и др. Применение инфракрасной термографии в современной медицине (обзор литературы) // Экология человека. 2017. № 2. С. 39-46. https://doi.org/10.33396/1728-0869-2017-2-39-46
17. Колесов С.Н., Воловик М.Г., Прилучный М.А., Абызова Н.Е., Н.Л. Муравина, Легурова С.В. Основные итоги применения тепловидения в Нижегородском НИИ травматологии и ортопедии // Матер. VII Междунар. конф. «Прикладная оптика-2006». Санкт-Петербург, 2006. С. 18-21.
18. Краснов Д.Б. Роль тепловидения в реализации национального проекта по здравоохранению // Матер. VII Междунар. конф. «Прикладная оптика-2006». Санкт-Петербург, 2006. С. 22.
19. Логвиненко А.Г., Логвиненко С.И., Щербань Э.А. Динамическое термокартирование: применение в медицине и технике // Научные ведомости БелГУ. Сер. Медицина. Фармакология. 2005. №1 (21), вып.4. С. 136-145.
20. Маевский Е.И., Хижняк Л.Н., Смуров С.В., Хижняк Е.П. Настоящее и будущее инфракрасной термографии // Известия ин-та инженерной физики. 2015; (1): 2-12.
21. Маградзе И.И. Термодиагностика с применением ЭВМ. Труды Всесоюзной конференции «Тепловизионные приборы, направления развития и практика применения в медицине - ТеМП-79», М.: 1979, с.187.
22. Макаренко Т.П. Термографическая диагностика в клинике // Тепловидение в медицине. Л. 1980. Ч.I. С.58-63.
23. Мельникова В.П., Попова А.Е., Суханова В.Ф., Брюнелли Е.В. Диагностические возможности тепловидения в клинической практике // Вестн. клин. иммунологии 1996. Т. 155. № 4. С. 75-77.
24. Мирошников М.М., Колесов С.Н., Стулин И.Д. и др. Медицинское тепловидение: история, современное состояние, перспективы развития // Матер. VII Междунар. конф. «Прикладная оптика-2006». Санкт-Петербург, 2006. С. 6-10.
25. Морозов А.М., Жуков С.В., Сороковикова Т.В. и др. Медицинское тепловидение: возможности и перспективы метода // Медицинский совет. 2022;16(6):256-263. <https://doi.org/10.21518/2079-701X-2022-16-6-256-263>
26. Морозов А.М., Морозова А.Д. Перспективы применения медицинской термографии // [Формирование здоровья населения: медико-социальные и клинические аспекты](https://www.elibrary.ru/item.asp?id=42949252). Сборник научных трудов. Под ред. О.Е.Коновалова, С.В.Жукова. Тверь, 2020. С. 47-51.
27. Морозов А.М., Мохов Е.М., Кадыков В.А., Панова А.В. Медицинская термография: возможности и перспективы // Казанский медицинский журнал. 2018. №2. С.264-270. DOI: [10.17816/KMJ2018-264](http://dx.doi.org/10.17816/KMJ2018-264)
28. Морозов А.М., Пельтихина О.В. Возможности использования термографии в качестве диагностического метода // Матер. IV Всеросс. научной конф. студентов и молодых ученых с междунар. участием «Медико-биологические, клинические и социальные вопросы здоровья и патологии человека». Иваново, 09-12 апреля 2018 г. 2018. С. 109-110.
29. Олійник Г.А., Кремень В.О., Грязін О.Є., Тимченко О.К. Теплове випромінювання та тепловізійні дослідження в медицині // Актуальні проблеми сучасної медицини: Вісник Української медичної стоматологічної академії. 2018. Т. 18, вип. 2 (62). С. 266-272. [in Ukrainian]
30. Орлов Г.А. Современные возможности медицинской термографии // Тезисы докладов Всероссийской научно-практической конференции «Тепловидение в медицине». Л., 1976. С. 21-25.
31. Попов В.А., Попова Н.В., Буторин С.П. Тепловидение в клинической практике // Матер. VII Междунар. конф. «Прикладная оптика-2006». Санкт-Петербург, 2006. С. 25-29.
32. Попов В.А., Попова Н.В. Современные аспекты тепловидения в медицине // Международная конференция «Прикладная оптика 2010». Архангельск. С. 78-82.
33. Попов В.А., Попова Н.В. Возможности тепловидения в медицине. В кн. Профессор Г.А. Орлов. Хирургическая, научная и педагогическая школы. Архангельск, 2011. С. 34-55.
34. Розенфельд Л.Г. Термография в клинической практике // [Вестник рентгенологии и радиологии](https://elibrary.ru/contents.asp?titleid=7651). 1989. № 1. С. 62.
35. Розенфельд Л.Г. и др. Дистанционная инфракрасная термография как современный неинвазивный метод диагностики заболеваний // Укр. Мед. Часопис, 2008, 6(68):92-97.
36. Розенфельд Л.Г., Колотилов Н.Н. Способы активной термографии в медицине: состояние вопроса и перспективы // [Медицинская радиология](https://elibrary.ru/contents.asp?titleid=7883). 1987. Т. 32. № 5. С. 81.
37. Розенфельд Л.Г., Мачулин В.Ф., Венгер Е.Ф. и др. Дистанционная инфракрасная термография: достижения, современные возможности, перспективы // [Врачебное дело](https://elibrary.ru/contents.asp?titleid=25224). 2008. № 5-6. С. 119.
38. Розенфельд Л.Г., Самохин А.В., Венгер Е.Ф. и др. Дистанционная инфракрасная термография как современный неинвазивный метод диагностики заболеваний // [Украинский медицинский журнал](https://elibrary.ru/contents.asp?titleid=26496). 2008. Т. 6. № 68. С.92-96.
39. Сергеев А.Н., Морозов А.М., Чарыев Ю.О., Беляк М.А. О возможности применения медицинской термографии в клинической практике // Профилактическая медицина. 2022;25(4):82‑88. <https://doi.org/10.17116/profmed20222504182>
40. Спиридонов И., Тихонов И. Инфракрасная визуализация кожных покровов // Биомедицинская радиоэлектроника, 2010, №9. С.26-32.
41. Сухарев В.Ф., Козлов О.А., Лазбекин А.С, Курышева В.М. Тепловое излучение человека в норме и при патологии // Тепловидение в медицине / Труды Всерос. научно-практич. конф. Ленинград, 1976. С. 43-50.
42. Ураков А.Л. Инфракрасная термография и тепловая томография в медицинской диагностике: преимущества и ограничения // Электронный научно-образовательный Вестник «Здоровье и образование в XXI веке». 2013. Т. 15, № 11. С. 45-51.
43. Ураков А.Л., Уракова Н.А., Касаткин А.А. и др. Цифровая инфракрасная термография как метод лучевой диагностики будущего // Фундаментальные и прикладные науки сегодня. Материалы международной научно-практической конференции. 25-26 июля 2013 г., Москва. 2013. С.31-33.
44. Хижняк Л.Н., Хижняк Е.П., Иваницкий Г.Р. Диагностические возможности матричной инфракрасной термографии. Проблемы и перспективы // Вестник новых медицинских технологий. 2012. Т. ХIX, № 4. С. 170-176.
45. Хижняк Е.П., Хижняк Л.Н., Маевский Е.И., Смуров С.В. Возможности выявления больных с помощью тепловизора. Проблемы и перспективы // Вестник новых медицинских технологий. 2020;27(4):110-114. <https://doi.org/10.24411/1609-2163-2020-16775>
46. Шехтер А.И., [Розенфельд](https://elibrary.ru/author_items.asp?refid=421524415&fam=Розенфельд&init=Л+Г) Л.Г., [Терновой](https://elibrary.ru/author_items.asp?refid=421524415&fam=Терновой&init=Н+К) Н.К. Термография в диагностике заболеваний некоторых органов [//](https://elibrary.ru/author_items.asp?refid=421524415&fam=Шехтер&init=А+И) [Вестник рентгенологии](https://elibrary.ru/contents.asp?titleid=7651). 1987. № 1. С. 70-76.
47. Шушарин А.Г., Морозов В.В., Половинка М.П. Медицинское тепловидение: современные возможности метода // Современные проблемы науки и образования. 2011. № 4. С. 2-18.
48. Derzhavin V.M., Kuberger M.B., Generalov A.I., Kovalev V.I. Termografiia i ee klinicheskoe primenenie (obzor literatury) [Thermography and its clinical use (literature survey)] // Vopr Okhr Materin Det. 1975 Apr;20(4):54-57. [in Russian]. PMID: 1154689
49. Glushchuk N.I., Gordiyenko E.Yu., Fomenko Yu.V. The Results of the Study of Human Anomalous Thermal Fields Under Irradiation // Nauka ta Innovacii March 2017;13(2):48-58. DOI: [10.15407/scin13.02.048](http://dx.doi.org/10.15407/scin13.02.048) (Science and Innovation. May 2017;13(2):43-52. DOI: [10.15407/scine13.02.043](http://dx.doi.org/10.15407/scine13.02.043)) [in Ukrainian]
50. Godik E., Guljaev Y.V., Markov A.G. et al. Infrared dynamical thermovision of the biological objects // International Journal of Infrared and Millimeter Waves; May 1987, 8(5):517-533. DOI: 10.1007/BF01013262
51. Gulyaev Y.V., Godik E.E., Petrov A.V., Taratorin A.M. Opportunities of remote functional diagnosis of biological objects based on their natural infrared radiation // Docl. acad. Sci. U.S.S.R. (1984) 277, 1486-1491. [in Russian]
52. Gulyaev Yu.V., Markov A.G., Koreneva L.G., Zakharov P.V. Dynamical Infrared Thermography in Humans // IEEE Engineering in Medicine and Biology, November/December 1995, pp. 766-771. DOI: [10.1109/51.473272](https://doi.org/10.1109/51.473272)
53. Ivanitsky G.R., Khizhnyak E.P., Deev A.A., Khizhnyak L.N. Thermal imaging in medicine: A comparative study of infrared systems operating in wavelength ranges of 3-5 and 8-12 microm as applied to diagnosis // Dokl Biochem Biophys 2006;407:59-63. [in Russian]
54. Kozhevnikova I.S., Pankov M.N., Gribanov A.V. et al. The use of infrared thermography in modern medicine (Literature Review) // Ekologiya Cheloveka/Hum. Ecol. 2017, 2, 39-46. [in Russian]
55. Miroshnikov M.M. Soviet Medical Thermovision Apparatus and Essential Results of Its Application in Medicine // Proc. SPIE 0211, Optics and Photonics Applied to Medicine (29 May 1980). <https://doi.org/10.1117/12.958373>
56. Miroshnikov M.M., Chernyayev Y.S. Thermovision and disease diagnostics // Aerosp Med. 1971 Jul;42(7):746-749. PMID: 5162439
57. Rozenfel’d L.G., Kolotilov N.N. [Thermography: methodology and technique](https://elibrary.ru/item.asp?id=12728494) // [Медицинская радиология](https://elibrary.ru/contents.asp?issueid=626318). 1992. Т. 37. [№ 5-6](https://elibrary.ru/contents.asp?issueid=626318&selid=12728494). С. 48-50. [in Russian]
58. Ostafiychuk D.I., Shaiko-Shaikovsky O.G., Belov M.E., Chibotaru K.I. [Thermography, application in medicine] // Clinical and experimental pathology. 2019;18:1(67):126-31. [in Ukrainian] doi: https://doi.org/10.24061/1727-4338.XVIII.1.67.2019.218
59. Taratorin A.M., Godik E.E., Guljaev Yu.V. Functional mapping of dynamic biomedical images // Measurement. July 1990;8(3):137-140. DOI: [10.1016/0263-2241(90)90055-B](http://dx.doi.org/10.1016/0263-2241%2890%2990055-B)
60. Vainer B.G. Medicine "applicable non "steady" state phenomena inspection through the use of infrared thermography // Quantitative InfraRed thermography 5, Eurotherm seminar 64, QIRT’2000 // Proceedings. UTAP URCA. France, Reims, July, 18-21, 2000. P. 405-408.
61. Vainer B.G. Interventional infrared thermal diagnostics in medicine and physiology // Proceedings of QIRT 2012 Conference, 11-14 June 2012, Naples, Italy, 2012. Paper QIRT-2012-340. Available at QIRT Open Archives: http:// qirt.gel.ulaval.ca/dynamique/index.php?idD=60&Lang= 0
62. Vainer B.G. Infrared thermography-based recent methods for biomedical imaging, diagnostics and quantitative research // Prospects of Fundamental Sciences Development: XIII Intern. Conf. of Students, Graduate Students and Young Scientists. Russia, Tomsk, April 26-29, 2016. Vol. 4. Biomedicine, ed. by I.A.Kurzina and G.A.Voronova. Tomsk: Tomsk Politechnical University Publishing House, pp. 21-23.
63. Vavilov V.P., Andonova A. Infrared thermography: Old Achievements and New Horizons // 2019 X National Conference with International Participation (ELECTRONICA), May 2019. DOI: 10.1109/ELECTRONICA.2019.8825638
64. [Vykhovskaia A.G](https://www.ncbi.nlm.nih.gov/pubmed/?term=Vykhovskaia%20AG%5BAuthor%5D&cauthor=true&cauthor_uid=4947476)., [Sandrikov V.A](https://www.ncbi.nlm.nih.gov/pubmed/?term=Sandrikov%20VA%5BAuthor%5D&cauthor=true&cauthor_uid=4947476)., [Gol'dshteĭn A.B](https://www.ncbi.nlm.nih.gov/pubmed/?term=Gol'dshteĭn%20AB%5BAuthor%5D&cauthor=true&cauthor_uid=4947476)., [Arkhangel'skiĭ](https://www.ncbi.nlm.nih.gov/pubmed/?term=Arkhangel'skiĭ%5BAuthor%5D&cauthor=true&cauthor_uid=4947476) V.V. Clinical use of thermography (a review of Soviet and foreign literature) // [Vestn Khir Im I I Grek.](https://www.ncbi.nlm.nih.gov/pubmed/4947476) 1971 Oct;107(10):143-146. [in Russian] PMID: 4947476

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Aarts N.J. Some experiences with thermography // J Radiol Electrol med Nucl. 1967 Jan-Feb;48(1):76-79.
2. Aarts N.J.М. Ultrasound and thermography // Acta radiologia (diagnosis). 1969. V 9. P. 650-654.
3. [Amalric R](https://www.ncbi.nlm.nih.gov/pubmed/?term=Amalric%20R%5BAuthor%5D&cauthor=true&cauthor_uid=4473449)., [Altschuler C](https://www.ncbi.nlm.nih.gov/pubmed/?term=Altschuler%20C%5BAuthor%5D&cauthor=true&cauthor_uid=4473449)., [Giraud D](https://www.ncbi.nlm.nih.gov/pubmed/?term=Giraud%20D%5BAuthor%5D&cauthor=true&cauthor_uid=4473449)., [Spitalier J.M](https://www.ncbi.nlm.nih.gov/pubmed/?term=Spitalier%20JM%5BAuthor%5D&cauthor=true&cauthor_uid=4473449). Clinical applications of dynamic telethermography // [J Belge Radiol.](https://www.ncbi.nlm.nih.gov/pubmed/4473449) 1974 Jul-Aug;57(4):249-262. [in French] PMID: 4473449
4. [Amalric R](https://www.ncbi.nlm.nih.gov/pubmed/?term=Amalric%20R%5BAuthor%5D&cauthor=true&cauthor_uid=4473449)., Levraud J, [Giraud D](https://www.ncbi.nlm.nih.gov/pubmed/?term=Giraud%20D%5BAuthor%5D&cauthor=true&cauthor_uid=4473449). et al. Dynamic thermography in France // 6th Seminar of dynamic telethermography, Marceilles, may 24-27, 1977 / Acta Thermographica, 1978, 3, 1-2, 95-99.
5. Ammer K. Thermographie – ein unterschätztes bildgebendes Diagnoseverfahren // Österr Krankenhauszeitung 1996; 37: 4-12. [in German]
6. Ammer K. Infrared Imaging in Medicine // Polish Journal of Medical Physics and Engineering 2000, 6: 133-140.
7. Ammer K. 17th Thermological Symposium of the Austrian Society of Thermology // Thermology International. 2004; 14(2):148-152.
8. Ammer K. European Congress of Thermology 1974-2006: A Historical Review // Thermology international 2006, 16(3): 85-95.
9. Ammer K. Current Trends in Medical Thermography: Quality Assurance and Data Mining // Thermology international 2018, 28/1: 5-6. Editorial
10. Ammer K. Published papers on THERMOLOGY or TEMPERATURE MEASUREMENT between 1989 and 2004. Volume 1. Available from: http://www.uhlen.at/thermology-international /archive/therlit%202004.pdf
11. Ammer K. Published papers on THERMOLOGY or TEMPERATURE MEASUREMENT between 2005 and 2006. Volume 2. Available from: <http://www.uhlen.at/thermology-international/archive/therlit%202005-2006.pdf>
12. Ammer K. Published papers on THERMOLOGY or TEMPERATURE MEASUREMENT between 2007 and 2010. Volume 3. Available from: [http://www.uhlen.at/thermology-international/archive/therlit%20%202007-2010.pdf](http://www.uhlen.at/thermology-international/archive/therlit%202007-2010.pdf)
13. Ammer K. Published papers on THERMOLOGY or TEMPERATURE MEASUREMENT between 2011 and 2013. Volume 4. Available from: <http://www.uhlen.at/thermology-international/data/pdf/Volume%204a.pdf>
14. Ammer K. Published papers on THERMOLOGY or TEMPERATURE MEASUREMENT between 2014 and 2016. Volume 5. Available from: <http://www.uhlen.at/thermology-international/Volume%205.pdf>
15. Ammer K. Medical Thermology 2016 – A computer assisted literature review // Thermology international 2017, 27(1) 11-37.
16. Ammer K. Does thermology belong to complementary medicine? // Thermology International 2017. 27 (1): 5-8.
17. Ammer K. Medical Thermology 2018 – a computer-assisted literature survey // Thermology International, February 2019; 29(1):7-39.
18. Ammer K. Extended abstracts of the 15th Conference of the European Association of Thermology // Thermology international 31/3(2021): 77-78.
19. Ammer K. European Congress of Thermology 1974-2021-an Up-Dated Historical Perspective // Thermology International. November 2021;[l](https://www.researchgate.net/journal/Thermology-International-1560-604X) 31(4):163-171.
20. Ammer K., Allen J., Mercer J. et al. Proceedings of the 2004 UK Symposium on Medical Infrared Thermography, 3rd November, Bushy House, NPL, Teddington, Middlesex, UK // 2004 UK Symposium on Medical Infrared Thermograph. At: 3rd November 2004, Bushy House, NPL, Teddington, Middlesex, UK / Thermology international. October 2004, 14(4) 143-147.
21. Ammer K., Govindan S., Fujimasa I. et al. Abstracts of the First Meeting of the Asian-Pacific Federation of Thermology and the 6th Annual Meeting of the Korean Academy of Medical Thermology, Seoul, October 4-5, 1996. At: Seoul, October 4-5, 1996 // Thermologie Österreich 1997; 7(1) 25-35.
22. Ammer K., Ring E.F.G. Historical "maps" of human skin temperature // Thermology International May 2019, 29(2):53-59.
23. Anbar M. Dynamic area telethermometry and its clinical applications // Proc. SPIE 2473, Thermosense XVII: An International Conference on Thermal Sensing and Imaging Diagnostic Applications (28 March 1995). <https://doi.org/10.1117/12.204868>
24. Anbar M. Clinical thermal imaging today. Shifting from Phenomenological thermography to pathophysiologically based thermal imaging // IEEE Eng. Med. Biol. Mag. 1998. 17, 25-33. <http://dx.doi.org/10.1109/51.687960>
25. Anbar M. Assessment of physiologic and pathologic radiative heat dissipation using dynamic infrared imaging // Ann N Y Acad Sci. 2002;972(1):111-118. doi: 10.1111/j.1749-6632.2002.tb04560.x
26. Atsumi K. High Technology Applications of Medical Thermography in Japan // Thermology, 1985,1:79-80.
27. Awerbuch M.S. Thermography--wither the niche? // Med J Aust. 1991 Apr 1;154(7):444-447. PMID: 2005839
28. Bargiel P., Czapla N., Petriczko J. et al. Thermography in the diagnosis of musculo-skeletal disorders // Chir. Narzadow Ruchu Ortop. Pol., 2018; 83(6) 236-240 DOI: 10.31139/chnriop.2018.83.6.46
29. Barnes R.B. 1963. Thermography of the Human Body // Science New Series, Vol. 140, No. 3569 (May 24, 1963), pp. 870-877.
30. Barnes R.B. Thermography of the Human Body // Science 24 May 1963: Vol. 140, Issue 3569, pp. 870-877. DOI: 10.1126/science.140.3569.870
31. Barnes R.B. Thermography and its clinical applications // Ann NY Acad Sci 1964;121:34-48.
32. [Barnes R.B.](https://www.scopus.com/authid/detail.uri?authorId=35286399500&amp;eid=2-s2.0-84975551934) Diagnostic thermography // Applied Optics, 1968. Vol. 7, [Issue 9](https://www.osapublishing.org/ao/issue.cfm?volume=7&issue=9), pp. 1673-1685. <https://doi.org/10.1364/AO.7.001673>
33. Barnes R.B., Gershon-Cohen J: Clinical thermography // JAMA 1963, 185: 949.
34. Barone S., Paoli A., Razionale A.V. A biomedical application combining visible and thermal 3D imaging // XVIII Congreso internactional de Ingenieria Grafica, Barcelona 2006:1-9.
35. Bauer J., Hurnik P., Zdziarski J. et al. Thermovision and its applications in medicine [Termowizja i jej zastosowanie w medycynie] // Acta BioOpt Inf Med. 1997; 3(2-4):121-131. [in Polish]
36. Benington I.C., Biagioni P.A., Briggs J. et al. Thermal changes observed at implant sites during internal and external irrigation // Clinical Oral Implants Research, vol. 13, no. 3, pp. 293-297, 2002.
37. Berz R., Sauer H. Infrarot Regulations Imaging – innovative Funktionsdiagnostik für Früherkennung, Prävention und Problemfälle // Erfahrungsheilkunde, 2006, 55: 241-250. [in German]
38. Błachnio J., Bogdan M. Podstawy termowizji i jej zastosowanie w badaniach medycznych // Zesz Nauk Politechniki Białostockiej Budowa i Eksploatacja Masz. 2004;Z. 12:7-17. [in Polish]
39. Bláhová O. Nase zkusenosti s uplatnĕním termovize v lékarství [Experience with the use of thermovision in medicine] // Cesk Otolaryngol. 1972 Apr;21(2):49-51. [in Czech]. PMID: 5023547
40. Bowling B.R. Thermography of the Human Body // Science. 1963;140:870-877 <https://doi.org/10.10.1126/science.140.3569.870>
41. Branemark P.I. Biologic and clinical evaluation of infrared thermography // J Radiol Electrol med Nucl. 1967 Jan-Feb;48(1):69-76.
42. Brioschi M. Brazilian current studies of medical Thermology // Pan American Journal of Medical Thermology 2015 Dec; 2(2): 86-89. DOI: http://dx.doi.org/10.18073/2358-4696/pajmt.v2n2p86-89
43. Brioschi M.C., Macedo J.F., Macedo R.A. Termometria cutânea: novos conceitos // J Vas Bras. 2003; 2 (2): 151-160. [in Portuguese]
44. Brioschi M.L., Malafaia O., Vargas J.V.C. Review of recent developments in thermographic applications in health care // Inframation Proceedings, Estados Unidos, 2004, v. 5, pp. 9-18.
45. Brioschi M.L., Matias J.E.F., Teixeira M.J. et al. Automated computer diagnosis of IR medical imaging // InfraMation 2010 proceedings, <https://www.photonicsonline.com/doc/automated-computer-diagnosis-of-ir-medical-0001>
46. Brioschi M.L., Yeng L.T., Teixeira J.M. Medical thermography: what is it? And its applications // Pan American Journal of Medical Thermology 2015; 2(1) 14-17. DOI: [10.18073/2358-4696/pajmt.v2n1p14-17](http://dx.doi.org/10.18073/2358-4696/pajmt.v2n1p14-17)
47. Carpes F.P., Mello-Carpes PB., Priego-Quesada J.I. et al. Insights on the use of thermography in human physiology practical classes // Advances in Physiology Education 2018, 42 (3) 521-525.
48. Carter L.M. The clinical role of thermography // Journal of Medical Engineering and Technology 1978; May 2:3:125-128.
49. Chiesa A., Acciarri L. Thermography of the neck // Adv Otorhinolaryngol. 1978;24:143-165. doi: 10.1159/000400902
50. Cholewka A., Drzazga Z., Sieroń A. et al. Some applications of thermal imaging in medicine; some aspects of medical physics – in vivo and in vitro studies (Red. Z. Drzazga and K. Ślosarek) // Pol J Environ Stud Ser Monogr. 2010;1:51-58.
51. Ciatto S., Palli D., Rosselli del Turco M., Catarzi S. Diagnostic and prognostic role of infrared thermography // Radiol Med. Oct 1987; 74(4):312-315.
52. Clark R.P., Goff M.R. Medical thermography: current status // Proc. SPIE 1320, Infrared Technology and Applications (1 October 1990). <https://doi.org/10.1117/12.22328>
53. Clemente M.P., Gabriel J., Vaz R. et al. TERMOGRAFIA – Imagem Médica e Síndromes Dolorosas // Lidel-Edições Técnicas 2016, I, 75-90. [in Spanish]
54. Cockburn W. The current state of thermography // Today's Chiropractic May/June 1988; 17:3:67-69.
55. Colin H. Medical thermography // IEE Proceedings. 1987; 134(2): 225-236.
56. Conseil d'Evaluation des Technologies de la Sante du Quebec (CETS). Thermography – nonsystematic review. CETS 98-5 NE. Montreal, QC: CETS; 1999.
57. Cook R.J., Thakore S., Nichol N.M. Thermal imaging: A hotspot for the future? // Injury Extra 2005;36:395-397.
58. Damnjanovic Z., Petrovi D., Pantovi R., Smiljani Z. Infra red digital imaging in medicine // International Journal of Collaborative Research on Internal Medicine and Public Health, 2010, vol. 2, no. 12, pp. 425-434.
59. Das K., Bhowmik M.K., Chowdhuary O. et al. Accurate segmentation of inflammatory and abnormal regions using medical thermal imagery // Australasian Physical and Engineering Sciences in Medicine 2019; 42 (2): 647-657.
60. Davy J.R. Medical applications of thermography // Phys Technol 1977; 54-60.
61. de Meira L.F., Krueger E., Neves E.B. et al. Termografia na area biomedica // Pan Am J Med Thermol. 2014;1(1):31-41. <http://dx.doi.org/10.18073/2358-4696/pajmt.v1n1p31-41> [in Portugal]
62. de Weerd L., Mercer J.B., Weum S. Dynamic infrared thermography // Clin Plast Surg. 2011 Apr;38(2):277-292. doi: 10.1016/j.cps.2011.03.013
63. Diakides N.A. Advances in medical infrared imaging // IEEE Eng Med Biol Mag 2002; 21(6): 32-33.
64. Draper J., Boag J.W. Skin temperature distribution over veins and tumors // Phys Med Biol. 16:645-654, 1971.
65. Dribbon B.S. Application and value of liquid crystal thermography // J Am Podiatry Assoc. 1983;73(8):400-404. doi:10.7547/87507315-73-8-400
66. [Dumoulin J](https://www.ncbi.nlm.nih.gov/pubmed/?term=Dumoulin%20J%5BAuthor%5D&cauthor=true&cauthor_uid=5153082)., [Dumoulin C](https://www.ncbi.nlm.nih.gov/pubmed/?term=Dumoulin%20C%5BAuthor%5D&cauthor=true&cauthor_uid=5153082). Clinical applications of thermography // [Electrodiagn Ther.](https://www.ncbi.nlm.nih.gov/pubmed/5153082) 1971;8(4):159-183. [in French] PMID: 5153082
67. Dunaievsky V., Kotovskyi V., Nazarchuk S., Kyslyi V. Expanding the modern approaches of diagnostics of the state of a biological object by introducing infrared thermography. National Health as Determinant of Sustainable Development of Society. Bratislava: St. Filip; 2021. р. 35-55. Available from: https://dspace.uzhnu.edu.ua/jspui/bitstream/lib/37505/3/Mono\_VSEMvsMED2021.pdf
68. EAT 2018-Introductory Thermography Course Syllabus // Thermology international 28/1 (2018). P. 14-24.
69. Echevarría-Guanilo M.E., Fuculo-Junior P.R.B. A termografia: método de avaliação de alterações de pele // January 2021. DOI: [10.31011/reaid-2020-v.94-n.32-art.919](http://dx.doi.org/10.31011/reaid-2020-v.94-n.32-art.919) [in Portugal]
70. Edeiken J., Shaber G. Thermography: a reevaluation // Skeletal Radiol. 1986. 15: 545-548. DOI: [10.1007/BF00361052](https://doi.org/10.1007/bf00361052)
71. Elliott R.L., Head J.F. Medical infrared imaging in the twenty-first century // Thermol Int. 1999;9:111.
72. Engel J.M. Clinical Application of Advanced Infrared Thermography (IRT) in Locomotor Diseases // Proc. SPIE 0395, Advanced Infrared Sensor Technology (30 November 1983). <https://doi.org/10.1117/12.935210>
73. [Farrell C.B](https://www.ncbi.nlm.nih.gov/pubmed/?term=Farrell%20CB%5BAuthor%5D&cauthor=true&cauthor_uid=4302313)., [Mansfield C](https://www.ncbi.nlm.nih.gov/pubmed/?term=Mansfield%20C%5BAuthor%5D&cauthor=true&cauthor_uid=4302313)., [Wallace J.D](https://www.ncbi.nlm.nih.gov/pubmed/?term=Wallace%20JD%5BAuthor%5D&cauthor=true&cauthor_uid=4302313). Thermography as an investigative method // [Pa Med.](https://www.ncbi.nlm.nih.gov/pubmed/4302313) 1968 Dec;71(12):38-40. PMID: 4302313
74. Faust O., Acharya U.R., Ng E.Y.K. et al. Application of infrared thermography in computer aided diagnosis // Infrared Phys. Technol. 2014. 66: 160-175.
75. Felci U. La termografia clinica [Clinical thermography] // Minerva Radiol. 1967 Nov;12(11):425-428. [in Italian]. PMID: 5630216
76. Feldman F. Thermography of the hand and wrist: practical applications // Hand Clin. 1991 Feb;7(1):99-112.
77. Fitzgerald A., Berentson-Shaw J. Thermography as a screening and diagnostic tool: A systematic review // N Z Med J. 2012;125(1351):80-91.
78. Freundlich I.M. Thermography // N Engl J Med. 1972. 287: 880-885.
79. Gautherie M., Quenneville Y., Gros C. Cholesteric thermography leaves of liquid crystals. Clinical, pharmacological and physiological applications and comparison with infrared thermography // Pathol Biol. (Paris). 1974 Sep;22(7):553-566. PMID: 4612459 [in French]
80. Gautherie M., Ring E.F.G. Infra-red, micro-wave and liquid crystals thermography // Acta Thermographica, 1980, 5(2):81-85.
81. Gershon-Cohen J. Medical thermography // J. SMPTE 1967;76:1085-1088. doi: 10.5594/J13663
82. Gershon-Cohen J. Medical Thermography // Sci. Amer. J. 2005. Vol. 216. P. 94-102.
83. Gershon-Cohen J., Haberman J., Bruesche E.E. Medical thermography: a summary of current status // Radiol Clin N Am 1965;3:403-431.
84. Gershon-Cohen B.J., Haberman-Brueschke J.D., Brueschke E.E. Medical thermography // J Radiol Electrol. 1967. V. 48, N I-2.-P. 12-14.
85. Ghaem-Maghami P. Infrared thermography im Iran // 6th Seminar of dynamic telethermography, Marceilles, may 24-27, 1977 / Acta Thermographica, 1978, 3, 1-2, 86-90.
86. Gonzalez F.J. Theoretical and clinical aspects of the use of thermography in non-invasive medical diagnosis // Biomed Spectrosc Imaging. 2016 Jan 1; 5(4):347-358.
87. Gratt B.M., Sickles E.A. Future applications of electronic thermography // J Am Dent Assoc. 1991;122(5):28-36. doi:10.14219/jada.archive.1991.0002
88. Green J. et al. Abnormal thermographic findings in asymptomatic volunteers // Thermology 1986;2:13-15.
89. Gros C., Bourjat P. Possibilities for the use of thermography // Fortschr Geb Rontgenstr Nuklearmed. 1967 Apr;106(4):561-567. [in German] PMID: 4298247
90. Gros С., Urousos С. Thermographie medicale // Presse med. 1966. V. 72. P. 2902-2905. [in French]
91. Guimarães C.M.D.de Sã, Brioschi M.L., Neves E.B. et al. 2018. Imagem infravermelha no diagnóstico das doenças dos pés // Pan Am J Med Thermol. June 2018.4(1):7-14. [in Portuguese] DOI: [http://dx.doi.org/10.18073/pajmt.2017.4.7-14](https://dx.doi.org/10.18073/pajmt.2017.4.7-14)
92. Gupta T., Jindal R., Sreedevi I. Empirical Review of Various Thermography-Based Computer-Aided Diagnostic Systems for Multiple Diseases // ACM Transactions on Intelligent Systems and Technology. February 2023. DOI: [10.1145/3583778](http://dx.doi.org/10.1145/3583778)
93. Guzman-Cabrera R., Guzman-Sepulveda J.R., Parada A.G. et al. Digital processing of thermographic images for medical applications // Rev Chim. 2016;67:53-56.
94. Hackett M.E.J. The place of thermography in medicine // Acta Thermographica 1976; 1: 176-180.
95. Hackett M.E.J., Henderson H.P. Infrared Thermography in Medicine // Proc. SPIE 0110, Industrial and Civil Applications of Infrared Technology, 9 November 1977. <https://doi.org/10.1117/12.955523>
96. Hairong Q.I., Diakides N.A. Infrared Imaging in Medicine // Available from: [http://www.iamtonline.org](http://www.iamtonline.org/). (Hairong Q., Diakides N.A. Infrared Imaging in Medicine. In: Engineering in Medicine and Biology Society // Proceedings of the 22nd Annual International Conference of the IEEE. Vol. 2, pp. 1-10, 2000).
97. Handelsman H. Thermography for indications other than breast lesions // Health Technol Assess Rep. 1989;(2):1-32. PMID: 2699434
98. Hart J.F., Omolo B., Boone W.R. Thermal patterns and health perceptions // J Can Chiropr Assoc 2007 June;51(2):106-111. PMCID: PMC1924665
99. Head J.F., Elliott R.L. Infrared imaging: making progress in fulfilling its medical promise // IEEE Eng Med Biol Mag. Nov-Dec 2002; 21(6):80-85.
100. Hobbins W.B. Thermography in General Surgery Practice // Proceedings of American Thermographic Society, AGA, 1973.
101. Hobbins W.B. A New Beginning for Thermography // RNM Images, October 1982, P. 43-45.
102. Hobbins W.B. New Horizons in Thermography // Far East Health, January, 1983.
103. [Hodes P.J](https://www.ncbi.nlm.nih.gov/pubmed/?term=Hodes%20PJ%5BAuthor%5D&cauthor=true&cauthor_uid=5268883)., [Wallace J.D](https://www.ncbi.nlm.nih.gov/pubmed/?term=Wallace%20JD%5BAuthor%5D&cauthor=true&cauthor_uid=5268883)., [Dodd G.D](https://www.ncbi.nlm.nih.gov/pubmed/?term=Dodd%20GD%5BAuthor%5D&cauthor=true&cauthor_uid=5268883). Thermography // [Med Clin North Am.](https://www.ncbi.nlm.nih.gov/pubmed/5268883) 1970 May;54(3):603-616. PMID: 5268883
104. Hooshmand H., Hashmi, M., Phillips E.M. Infrared thermal imaging as a tool in pain management – an 11 year study. Part I // Thermology Intern. 2001. N 11. Р. 53-65.
105. Houdas Y. Possibilities and limits of infrared thermography // Lille Medical, 1975. vol. 20, no. 268-273.
106. Howell K. Infrared Imaging, Review of the book "Infrared Imaging: A casebook in clinical medicine" Edited by Francis Ring, Anna Jung and Janusz Zuber (IOP Publishing, Bristol, UK) // Thermology International 2016, 26(1) 43.
107. Howell K. The Thermal Human Body, Review of the book "The Thermal Human Body: A Practical Guide to Thermal Imaging" by Kurt Ammer and Francis Ring (Jenny Stanford Publishing, Singapore) // Thermology international 2019, 29(3) 116.
108. Huo J. Thermography in diagnosis and treatment of Chinese traditional medicine // Overseas Med. 1980. 1: 18.
109. Hwang D.S., Park K.S., Kim E.G. et al. Review of clinical trials on infrared thermography using search of papers in Medline within 5 years // J Orient Med Thermol. 2010;8(1):13-17.
110. Jang H.J., Hwang D.S., Kim J.H. et al. Infrared thermographic inspection of the west in the comparative study of korean traditional medicine // J Orient Med Thermol. 2010;8(1):1-6.
111. Jasti N., Bista S., Bhargav H. et al. Medical Applications of Infrared Thermography: A Narrative Review // Journal of Stem Cells 2019. 14(1):35-53. ISSN: 1556-8539
112. Jiang L.J., Ng E.Y., Yeo A.C. et al. A perspective on medical infrared imaging // J Med Eng Technol. 2005;29(6):257-267. [[PubMed](http://www.ncbi.nlm.nih.gov/pubmed/16287675)]
113. Johnston B.D. Medical Infrared Thermal Imaging Clinical Fitness // Theory & Practice. Fitness Science Annual 2008.
114. Jones B.F. A reappraisal of the use of infrared thermal image analysis in medicine // IEEE Trans Med Imaging. 1998 Dec; 17(6): 1019-1027.
115. Jones B.F., Plassmann P. Digital infrared thermal imaging of human skin // IEEE Eng. Med. Biol. Mag. 2002. 21: 41-48. DOI: [10.1109/MEMB.2002.1175137](http://dx.doi.org/10.1109/MEMB.2002.1175137)
116. Kabet B., Yamamoto V., Yu C. et al. Infra-red thermal imaging: a review of the literature and case report // Neuroimage. 2009; 47:154-162.
117. Kaczmarek M., Nowakowski A. Active IR-thermal imaging in medicine‖// J Nondestruct Eval. 2016, 35(19). DOI 10.1007/s10921-016-0335-y
118. Kasprzyk T., Cholewka A., Mleczko B. et al. The applications of active dynamic thermography in tissue-like system – searching for medical applications // Inżynier i Fizyk Medyczny. 2018;7(4):251-254.
119. Kastberger G., Stachl R. Infrared imaging technology and biological applications // Behav Res Methods Instrum Comput 2003;35:429-439. doi: 10.3758/BF03195520
120. Kesztyüs D., Brucher S., Kesztyüs T. Use of infrared thermography in medical diagnostics: a scoping review protocol // BMJ Open 2022;12:e059833. 5 pp. doi:10.1136/bmjopen-2021-059833
121. Kesztyüs D., Brucher S., Wilson C., Kesztyüs T. Use of Infrared Thermography in Medical Diagnosis, Screening, and Disease Monitoring: A Scoping Review // Medicina 2023, 59, 2139. https:// doi.org/10.3390/medicina59122139
122. Klaessens J., van der Veen A., Verdaasdonk R. Thermal Imaging, a clinical diagnostic tool for non-contact monitoring of tissue perfusion, applied in clinical trials (extended abstract) // Thermology International 2015, 25(3) 117.
123. Kombo H.Z., Mehdi S., Krishna K.L., Roohi T.F. Evaluation of Infrared Thermometer on Human Health - A Review // Research J. Pharm. and Tech. September 2023:16(9):4479-4484. DOI: [10.52711/0974-360X.2023.00730](http://dx.doi.org/10.52711/0974-360X.2023.00730)
124. Lahiri B.B., Bagavatthiappan S., Jayakumar T., Philip J. Medical applications of infrared thermography: A review // Infrared Physics and Technology. 2012. 55 (4): 221-235. doi: 10.1016/j.infrared. 2012.03.007
125. Lapayowker M.S. Current status of thermography in United States // Thermographic Quarterly, Summer 1976, 2:38-40.
126. Laughan R. Thermal imaging gaining acceptance as a diagnostic tool // Biophotonics Intern. 1998. Vol. 5. P. 48-53.
127. Launay J.-C., Bodnar J.-L. Thermographie infrarouge et applications médicales // Congrés Thermogram. Reims, 10/11 Decembre 2009. Presentation. 18 pp. [in Francaise]
128. Law J., Morris D.E., Budge H., Symonds M.E. Infrared Termography // Handb Exp Pharmacol 2019, 251, 259-282, https://doi. org/10.1007/164\_2018\_137
129. Lawson R.N., Gaston J.P. Temperature measurements of localized pathological processes // Ann N Y Acad Sci. 1964;121:90-98. [[PubMed](http://www.ncbi.nlm.nih.gov/pubmed/14237530)]
130. Leando P. Digital infrared thermal imaging (DITI) for referring health care practitioners // Meditherm Inc. 2003; 1-37. https://doi.org/10.1007/978-981-10-3147-2\_21
131. Love T.J. Thermography as an Indicator of Blood Perfusion // Ann. N. Y. Acad. Sci. 1980, 335, 429-437. <https://doi.org/10.1111/j.1749-6632.1980.tb50766.x>
132. Machin G., Allen J., Howell K., Simpson R. Focus collection on Thermal Imaging in Medicine // Physiological Measurement August 2019; 40 (10), art. no. 100301. DOI: [10.1088/1361-6579/ab3b8a](https://www.researchgate.net/deref/http%3A//dx.doi.org/10.1088/1361-6579/ab3b8a?_sg%5B0%5D=GhAJTcXnLJFFx3KUc1XBCoQQaB7TeqxRsX4Ch6ktnyvpNus1RldJbOcEHvWtAtbAud9L-xu59NmTWNYcCWlwDZirPg.04ze452v_m0ibiPEPOOe2sSFSfiMNAbzsOrGJ7moEK2754uZmLD1NBt5Sx1JXi_3EFc15aZqp8RxsLwSsJFZCw&_sg%5B1%5D=FIuyuho4LjctMRtKhOyBrdrrsZVmZK673pG9VbyXLkSKD4Uh96kM23fkuodm4mHCMgCz17I8coCG.Ckl9eyBSzcATfmfP-msWwcrGXXnnqNOjL6SZtjfKCH-AIzsctQWjJToSxQmVLvEFOsLgLnL6xhkGMwxsAXIdqA)
133. Magalhaes C., Mendes J., Vardasca R. Meta-analysis and systematic review of the application of machine learning classifiers in biomedical applications of infrared thermography // Appl. Sci. 2021, 11, 842, doi:10.3390/app11020842
134. Maksymowicz K., Dudek K., Bauer J. et al. Ocena mozliwosci zastosowania techniki termowizyjnej w diagnostyce medyczno-sadowej. Podstawy teoretyczne [Assessment of the possibilities of application of the thermovision technique in medico-legal diagnosis. Theoretical basis] // Annales Academiae Medicae Stetinensis, vol. 53, no. 2, pp. 102-106, 2007. [in Polish]
135. Marina C.N., Raducu L., Ardeleanu V. et al. Thermographic camera in traumatology, diabetic foot and reconstructive procedures // Injury. March 2020. 4 pp. https://doi.org/10.1016/j.injury.2020.03.020
136. Matsuyama Y., Yamada Y., Fushimi H. The methods of thermography with various stimuli in Sumiotmo hospital // Biomed Thermol 2006;25:94-100.
137. McCafferty D.J., Koprowski R., Herborn K. et al. Advances in Thermal Imaging // Journal of Thermal Biology. October 2021;102:103109. DOI: [10.1016/j.jtherbio.2021.103109](http://dx.doi.org/10.1016/j.jtherbio.2021.103109)
138. Meira L.F., Krueger E., Neves E.B. et al. Termografia na área biomedica // Pan Am J Med Thermol., vol. 1, no. 1, pp. 31-41, 2014. [in Portuguese]
139. Mendes B.N., Pereira Da Fonseca M., De Souza T.C.M. et al. Termografia aplicada à Enfermagem: uma revisão bibliométrica // Pan American Journal of Medical Thermology. January 2022;[y](https://www.researchgate.net/journal/Pan-American-Journal-of-Medical-Thermology-2358-4696) 8:004. DOI: [10.18073/pajmt.2021.8.004](http://dx.doi.org/10.18073/pajmt.2021.8.004) [in Portuguesel]
140. Meola C., Carlomagno G.M. Recent advances in the use of infrared thermography // Meas Sci Technol 2004;15:R27-58.
141. Mercer J.B. Infrared Thermal Imaging in Modern Reserch – A Technique with Extensive Possibilities // The Kastelli Symposium: Oulu-Finland, 2000. P. 135-138.
142. Merla A. et al. Total body infrared imaging and postural disorders // Conf. Proc. IEEE Eng. Med. Biol. Soc., 2002. 2(2), 1149-1150.
143. Merla A., Romani G.L. Biomedical applications of functional infrared imaging // Proceedings of the 2005 27th Annual International Conference of the Engineering in Medicine and Biology Society, Shanghai, China, 1-4 September 2006; pp. 690-693.
144. Michael A. Thermology in the 21th Century – the biomedical future of a technology based on defense oriented engineering // Proceedings of the 1994 16th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Baltimore, MD, USA, November 1994.
145. Mikulska D. Contemporary applications of infrared imaging in medical diagnostics // Ann Acad Med Stetin. 2006; 52(1):35-39; discussion 39-40. PMID:17131845
146. Montalto M., Davies F., Marijanovic N., Meads A. Skin surface temperature: a possible new outcome measure for skin and soft tissue infection // Australian family physician 42 (9) (2013) 653-657.
147. Niedzielska I., Je˛drusik-Pawłowska M. Zastosowanie termografii w medycynie – przeglad pismiennictwa // Twoj Prz Stomatol. 2007; 7: 41-42. [in Polish]
148. Nola I.A., Gotovac K., Kolarić D. Thermography in Biomedicine – Specific Requirements // ELMAR, January 2012. Proceedings of the 54th International Symposium Electronics in Marine. 3 pp.
149. Nola I.A., Kolaric D. Thermography – Breakthrough in Biomedicine // 57th International Symposium ELMAR-2015. P. 17-20 (28-30?).
150. Norheim A.J., Mercer J. Medisinsk termografi – alternativ diagnostikk? [Medical thermography – alternative diagnostics?] Article in Tidsskrift for den Norske Laegeforening. 2011 Sep 20;131(18):1758-1759. DOI: 10.4045/tidsskr.11.0628 [in Norwegian]
151. Nowakowski A.Z. Advances of quantitative IR-thermal imaging in medical diagnostics // Brain 2006; 10:3.
152. Nowakowski A. Trends of IR-thermal imaging in medical diagnostics // 14th Quantitanive InfraRed Thermography Conference (QIRT-2018). Berlin, Germany, June 24-29, 2018. Fr.1.A.1.
153. Nowakowski A. Multimodality imaging in medical diagnostics – challenges and limitations // 2020 Quantitative InfraRed Thermography. January 2020. 2 pp. DOI: 10.21611/qirt.2020.135
154. Nowakowski A., Kaczmarek M., Ruminski J. et al. Medical applications of model-based dynamic thermography // Proc SPIE. 2001;4360:492-503. <https://doi.org/10.1117/12.421030>
155. Nyrijesi I. Indications for thermography in the United States // 6th Seminar of dynamic telethermography, Marceilles, may 24-27, 1977 / Acta Thermographica, 1978, 3, 1-2, 91-94.
156. Nyirijesy I. Indications for thermography in the United States // Acta Thermographica 1996;3:91-94.
157. Ogorevc J., Pusnik I., Gersak G. et al. Termovizija v medicine Thermal imaging in medicine // Zdravniski vestnik. November 2015. 84: 757-770. [in Slovenian]
158. [Onai Y](https://www.ncbi.nlm.nih.gov/pubmed/?term=Onai%20Y%5BAuthor%5D&cauthor=true&cauthor_uid=4919845)., [Yamazaki Z](https://www.ncbi.nlm.nih.gov/pubmed/?term=Yamazaki%20Z%5BAuthor%5D&cauthor=true&cauthor_uid=4919845)., [Oashi Y](https://www.ncbi.nlm.nih.gov/pubmed/?term=Oashi%20Y%5BAuthor%5D&cauthor=true&cauthor_uid=4919845)., [Uchida I](https://www.ncbi.nlm.nih.gov/pubmed/?term=Uchida%20I%5BAuthor%5D&cauthor=true&cauthor_uid=4919845). Thermography // [Gan No Rinsho.](https://www.ncbi.nlm.nih.gov/pubmed/4919845) 1970 Sep;16(10):973-981. [in Japanese] PMID: 4919845
159. Otsuka K., Togawa T. Hippocratic thermography // Physiological Measurement. 1997 Aug;18(3):227.
160. Park J.V., Kim S.H., Lim D.J. et al. The role of thermography in clinical practice: review of the literature // Thermology International. 2003. N 13. P. 77-78.
161. Park Y.J., Park Y.B. [The study on utilization of thermography in oriental medicine] // J Korea Instit Orient Med Diagn. 2000;4(1):97-104. [in Korean]
162. Philip J., Lahiri B.B. Infrared thermal imaging: biomedical and industrial applications // One day National Symposium on Infrared Thermography and its Applications, July 4, 2019. At: BMS College of Engineering, Bengaluru, India.
163. Podbielska H., Kobel J., Hołowacz I. et al. Analiza obrazów termowizyjnych w wybranych zastosowaniach medycznych i biomedycznych // Biocybernetyka i Inżynieria Biomedyczna 2000, tom 8, Obrazowanie Biomedyczne, Akademicka Oficyna Wydawnicza EXIT (2003), 517-532. [in Polish]
164. Potier A., Mehani K., Luizy F. Plate thermography in post-operative monitoring // Nouv Presse Med. 1980;18:2819-2821.
165. Prasał M., Sawicka K.M., Wysokinski A., Wolski T. Termowizja jako metoda diagnostyczna stosowana w medycynie // Prz Lek 2010; 67((2):): 127-130. [in Polish]
166. Proceedings of the 1st Conference of the Polish Society of Thermology // Koscielisko k. Zakopanego, September 12-13, 1998. European Journal of Thermology 8/4 (1998), pp. 177-185.
167. Psenicka O., Pirkl S., Smoranc P. Termografie kapalnými drystaly v lékarství [Thermography with liquid crystals in medicine (author's transl)] // Cas Lek Cesk. 1974 May 17;113(20):609-612. [in Czech]. PMID: 4451941
168. Ramirez-GarciaLuna J.L., Bartlett R., Arriaga-Caballero J.E. et al. Infrared Thermography in Wound Care, Surgery, and Sports Medicine: A Review // Front. Physiol. (2022) 13:838528. doi: 10.3389/fphys.2022.838528
169. Rein H. Thermography: medical and legal implications // American Chiropractor 1986: June 7,8.
170. Ring E.F.J. Quantitative Medical Thermography // Proc. SPIE 0110, Industrial and Civil Applications of Infrared Technology (9 November 1977). <https://doi.org/10.1117/12.955524>
171. Ring E.F.J. Progress in the measurement of human body temperature // IEEE Eng Med Biol Mag 1998, 17(4):19-24.
172. Ring E.F. Beyond human vision: the development and application of infrared thermal imaging // Imaging Science Journal 2010, 58: 254-260.
173. Ring E.F.J. Thermal imaging today and its relevance to diabetes //Journal of Diabetes Science and Technology. 2010. 4 (4): 857-862.
174. Ring F.J. Pioneering progress in infrared imaging in medicine // Quant Infrared Thermogr J. 2014;11(1):57-65. DOI: 10.1080/17686733.2014.892667
175. Ring E.F.J., Ammer K. The Technique of Infrared Imaging in Medicine // Thermol Int 2000. 10, 7-14.
176. Ring E.F.J., Ammer K. Infrared thermal imaging in medicine // Physiol. measur. March 2012. 33 (3): R33-46. <https://doi.org/10.1088/0967-3334/33/3/R33>
177. Ring E.F.J., Jung A., Zuber J. New opportunities for infrared thermography in medicine // Acta Bio-Opt. Inf. Med. 2009. 15, 28-30.
178. Rockley M.G. Advancements in the imaging field of telethermography // American Chiropractor 1988; Sept 6&8.
179. Rustemeyer J., Radtke A., Bremerich A. Thermography and thermoregulation of the face // Head Face Med. 2007. P. 3-17.
180. Sajjadi H.S. A systematic review on the effectiveness of thermography in diagnosis of Diseases // Int. J. Imaging Syst. Technol. 2013. 23(2), 188-193.
181. Samuel E. Medical aspects of thermography // Br J Hosp Med [Equip Suppl] 1968. 4: 8.
182. Samuel E. Thermography – some clinical applications // Biomed Eng. 1969; 4(1):15-19.
183. Seixas A. Thermology is multidisciplinary // Thermology International 2017; 27 (4): 139-140.
184. Seixas A. Systematic reviews and meta-analysis about infrared thermography in musculoskeletal research – trends and critical appraisal // Thermology international 31/3(2021): 92-93.
185. Seixas A., Ammer A. Systematic Reviews and Meta-analysis about Infrared Thermography in Musculoskeletal Research: trends and critical appraisal // Thermology International. November 2022;32(4):65-73.
186. Sen J., Mondal T., Grewal N. *et al.* Human skin thermography – a descriptive analysis // *Proc.Indian Natl. Sci. Acad.* 89, 143-153 (2023). https://doi.org/10.1007/s43538-022-00146-6
187. Shaikh S., Akhter N., Manza R. Current Trends in the Application of Thermal Imaging in Medical Condition Analysis // International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol. 8, Is. 8, June 2019, P. 2708-2712. https://www.ijitee.org/wp-content/uploads/papers/v8i8/F5073048619.pdf
188. Sheppard L.M. Thermal imaging technique tries a comeback // Biophotonics Intern., 1999, Vol. 6, No 7, рр. 54-56.
189. Shterenshis M. Challenges to Global Implementation of Infrared Thermography Technology: Current Perspective // Central Asian Journal of Global Health. October 2017;6(1). DOI: [10.5195/CAJGH.2017.289](http://dx.doi.org/10.5195/CAJGH.2017.289)
190. Simpson R., McMillan J., Hayes M. et al. Quantitative Thermal Imaging. Condition monitoring and healthcare diagnostics // Johnson Matthey Technology Review. January 2023. DOI: [10.1595/205651323X16685950005819](http://dx.doi.org/10.1595/205651323X16685950005819)
191. Singh J., Arora A.S. Automated approaches for ROIs extraction in medical thermography: a review and future directions // Multimedia Tools and Applications (2020) 79:15273-15296. DOI: <https://doi.org/10.1007/s11042-018-7113-z>
192. Sivakumar R., Waarish A., Stefy T. et al. Comparison and Analysis of Different Thermography Techniques in the Biomedical Applications / /ECS Transactions. 2023;7(1):9403. DOI 10.1149/10701.9403ecst
193. Sousa E., Vardasca R., Teixeira S. et al. A review on the application of medical infrared thermal imaging in hands // Infrared Physics and Technology. 2017, V. 85, pp. 315-323. <https://doi.org/10.1016/j.infrared.2017.07.020>
194. Speeckaert R., Hoorens I., Lambert J.L.W. et al. Beyond visual inspection: The value of infrared thermography in skin diseases, a scoping review // Journal of the European Academy of Dermatology and Venereology. January 2024. DOI: [10.1111/jdv.19796](http://dx.doi.org/10.1111/jdv.19796)
195. Strakowski R., Wiecek B. Review of multispectral thermography and its applications in biomedicine // Proceedings of the 17th Congress of the Polish Association of Thermology, Zakopane, March15-17, 2013. Thermology international 2013, 23/2: 67-68. DOI: 10.13140/2.1.2429.3449
196. Sun G. [Application of infrared thermal imaging technics in clinical diagnosis] // Zhong Xi Yi Jie He Za Zhi. 1988 Sep;8(9):568-569. [in Chinese]. PMID: 3248350
197. Szentkuti A., Kavanaugh H.S., Grazio S. Infrared thermography and image analysis for biomedical use // Periodicum biologorum, 2011. 113 (4): 385-392.
198. Szubert J., Nowak H., Szubert A. [Thermography in medicine] // Pol Tyg Lek 1977;32:855-857 [in Polish] PMID: 329237
199. Tala P., Lähdesmäki M., Siltanen P. Experiences with thermography as a clinical method of examination // Ann Chir Gynaecol Fenn. 1968;57(1):45-49. PMID: 5685023
200. Tattersall G.J. Infrared thermography: A non-invasive window into thermal physiology // Comp. Biochem. Physiol. A. Mol. Integr. Physiol. 2016, 202, 78-98. http://dx.doi.org/10.1016/j.cbpa.2016.02.022
201. Teich J.S. Digital infrared imaging for medicine recent advances in IR focal plane array imaging technology // Proceedings of the 18th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Amsterdam, The Netherlands. 1996, November.
202. Tirupathamma M, Niranjan V. Principles and Applications of Infrared Thermal Imaging // Telecommunications and Radio Engineering. 2020; 79: 1177-1187. DOI: 10.1615/TelecomRadEng.v79.i13.70
203. Turakulov A., Mullajonova F. An automated system for body temperature monitoring of children, people with disabilities and bedridden people using a continuous analysis // [Diagnostyka](https://www.elibrary.ru/contents.asp?id=43952379). 2020;21(3):31-40 [in Polish] DOI: [10.29354/diag/125314](https://doi.org/10.29354/diag/125314)
204. Uematsu S. Skin temperature measurement: a clinician’s perspective // Biomed. Thermol. 1991. 11(4): 256-268.
205. Uematsu S., Haberman J., Pochaczevsky R. et al. Thermography as a diagnostic aid: A commentary on experimental methods, data interpretation and conclusions // Thermology. 1:55-58, 1985a.
206. Vardasca R., Maghalaes C., Mendes J.G. Biomedical applications of infrared thermal imaging: current state of machine learning classification // The 15th International Workshop on Advanced Infrared Technology and Applications. At: Florence, Italy, September 2019. Proceedings 2019, 27, 46 (7 pp.) doi:10.3390/proceedings2019027046
207. Vardasca R., Magalhaes C., Silva P. et al. Biomedical musculoskeletal applications of infrared thermal imaging on arm and forearm: A systematic review // Journal of Thermal Biology 2019;82(53):164-177. DOI: [10.1016/j.jtherbio.2019.04.008](http://dx.doi.org/10.1016/j.jtherbio.2019.04.008)
208. Viegas F., de Mello M.T., Rodrigues S.A.et al. The use of thermography and its control variables: a systematic review // Rev Bras Med Esporte, Jan/Fev 2020, 26(1):82-86. DOI: [10.1590/1517-869220202601217833](https://www.researchgate.net/deref/http%3A//dx.doi.org/10.1590/1517-869220202601217833?_sg%5B0%5D=00kr66RWwmFe5oQNyLR8KEhLWveFKyY5HDHmSSFXYnMM3qVcxwB4J_0JlxFrq8r_myIVk_U2W3DDbFYY1PZci5aU9Q.LgY9I5XJyDQnZg4D_xj_Xok_Uro0SpNfXizaZd5jUvuES0fUFak8tStDNwDhz9eXhl7OmZPJZdvrAnUL5IyGaA)
209. Wakamiya J., Osame M., Igata A. [The significance and limit of thermography at present] // Nihon Rinsho. 1992 Apr;50(4):729-734. PMID: 1619752 [in Japanese]
210. [Wallace J.D](https://www.ncbi.nlm.nih.gov/pubmed/?term=Wallace%20JD%5BAuthor%5D&cauthor=true&cauthor_uid=4362276)., [Cade C.M](https://www.ncbi.nlm.nih.gov/pubmed/?term=Cade%20CM%5BAuthor%5D&cauthor=true&cauthor_uid=4362276). Clinical thermography // [CRC Crit Rev Bioeng.](https://www.ncbi.nlm.nih.gov/pubmed/4362276) 1974 Feb;2(1):39-94. PMID: 4362276
211. Wiecek B. Review on thermal image processing for passive and active thermography // Conf Proc IEEE Eng Med Biol Soc. (2005) 1:686-689. <https://doi.org/10.1109/IEMBS.2005.1616506>
212. Wiecek et al. Advanced Thermal Image Processing for Medical and Biological Applications // Proceedings of the 23rd Annual International Conference of the IEEE, vol. 3, 2001, pp. 2805-2807. http://dx.doi.org/ 10.1109/IEMBS.2001.1017368
213. Williams E.S. Scintillography, thermography and ultra sound in diagnosis // Trans Med Soc Lond. 1969;85:166-172. PMID: 4901050
214. Williams K.L., Williams F.L., Handley R. Infra-red radiation thermometry in clinical practice // The Lancet. 1960;276(7157):958-959.
215. Winsor T., Winsor D. The noninvasive laboratory – history and future of thermography // Angiology. 1985;36:341-353.
216. Yang H., Xie S., Qinghong L., Lu Z. Human infrared thermal imaging technology and its clinical applications // Chinese Optics Letters, August 2005; 3(101):S170-S172.
217. Yang W.J., Yang P.P. Literature survey on biomedical applications of thermography // Biomed. Mater. Eng. 1992. 2, 7-18.
218. Zhang L., Guo H., Li Z. Application of medical infrared thermal imaging in the diagnosis of human internal focus // Infrared Phys Technol. (2019) 101:127-132. doi: 10.1016/j.infrared.2019. 06.013