A GESTURE BASED TOOL FOR STERILE BROWSING OF RADIOLOGY IMAGES – LITERATURE SURVEY

S.NO	TITLE OF THE JOURNAL	AUTHOR NAME	TECHNIQUES/PUBLICATION	YEAR	DESCRIPTION
1.	The Potential of Gesture based Interaction	Kaster Rise, Ole Andres Alsos.	VR, AR, Gesture Based interaction	2020	Gesture based interfaces allow human computer interaction to be in a natural and intuitive manner. The most important advantage of the usage of hand gesture based input modes is that using this method the user can interact with the application from a distance without any physical interaction with the keyboard or mouse
2.	A Gesture-based for sterile browsing of radiology images	Jean P,Wachs,Helman.L.Stern,Yael Edan,Michael Gillam	the color model back-projection and motion cues , the 2D coordinate	2008	Computer information technology is increasingly penetrating into the hospital domain.
3.	Human Computer Interaction - Hand Gesture Recognition	Riya Jain, Muskan Jain, Roopal Jain, Suman Madan.	Human Computer Interaction (HCI)	2021	The algorithm is independent of user characteristics. It does not require any kind of training of sample data. The proposed Implemented algorithm has been tested on 390 images, gives a recognition rate of approximately 92% and average elapsed time of 2.76 sec.
4.	Head-mounted gesture controlled interface for human-computer interaction	Memo,Alyise and ZanuttighPietro	Head mounted display, Gesture recognition, Human- computer interface, Augmented reality, Depthdata	2018	multi-dimensional structure fed to an SVMclassifier, innovative human-computer interaction, novel human-computer interaction system

5.	Gesture Recognition ofRGB and RGB-D Static Images Using Convolutional Neural Networks	Khari, Manju and Garg, Aditya Kumar and Crespo	American Sign Language, Image Processing, CNN, Gesture Recognition	2019	VGG19 model, 94.8%recognition rate
6.	Virtual reality for user-centered design and evaluation of touch-free interaction techniques for navigating medical images in the operating room	Reinschluessel, Anke Verena and Teuber, Joern and Herrlich, Marc and Bissel, Jeffrey and van Eikeren, Melanie and Ganser, Johannes and Koeller, Felicia and Kollasch, Fenja and Mildner, Thomas and Raimondo, Luca	Vision-Based User Interfaces, CNN, ImageRecognition	2017	interactive virtual operating room, study interaction methods, evaluatedwith 20 surgeons
7.	Real-Time Hand Gesture Interface for Browsing medical images.	Juan Wachs,Hel man Stern,Yael Edan,Mich ael Gillam,Crai g Feied,Mark Smithd &Jon Handler	International Journal of Intelligent Computing in Medical Sciences & Image Processing.	2016	A vision based gesture capture system.
8.	A non-contact mouse for surgeon-computer interaction.	Grätzel, C. Fong, T.; Grange, S. Baur, C.	Technology and Health Care, vol. 12, no. 3, pp. 245-257, 2004	2004	Developed a system that uses computer vision to replace standard computer mouse functions with hand gestures. The system is designed to enable non-contact human-computer interaction (HCI), so that surgeons will be able to make more effective use of computers during surgery.
9.	A gesture-controlled projection display for CT-guided interventions	Mewes, Andr and Saalfeld, Patrick and Riabikin, Oleksandr and Skalej, Martin and Hansen, Christian	Human–computer interaction, Computer assisted surgery, Gesture control, Intra-operative visualization	2016	CT-based interventions, Direct physician–machine interaction, direct physician–machine interaction, classified using a leap motion Controller