**Abstract**

This project explains the use of contrast media in Computed Tomography (CT). Intravenous and oral are the two types of contrast media discussed in detail, including information on injection rates and volumes. Other topics covered include common studies using contrast media such as head and abdomen/pelvis imaging, adverse reactions and their severity, common risk factors, routes of premedication, general facts and statistics, and possible future developments. It is estimated that over 100 million studies are performed using contrast media per year. Contrast agents are useful in computed tomography due to their ability to opacify internal structures for easier viewing. This helps to aid in the diagnosis and treatment of pathologies. The future of contrast media offers even more benefits to the patient and is likely to consist of nanoparticles that are non-toxic and even offer therapeutic effects. These advancements in contrast media can provide a safer and more effective patient experience.

*Keywords:* computed tomography, oral contrast media, intravenous contrast media