

Green boxes Radiographer/radiology nurse may give contrast medium as prescribed or change to low kV- protocol with reduced contrast medium dose to reach an adequate gram-iodine/GFR ratio without consulting a radiologist.	Orange boxes Consult a radiologist! Evaluate each patient individually according to the text to the right. Give contrast medium if the benefit outweighs the risk. For further details see reference regarding Swedish guidelines: Eur Radiol. 2018;28:5384-95	<ol> <li>Evaluate GFR, stable or conditions indicating unstable renal function (see orange box below) making GFR unreliable and assess number of non-renal risk factors. Risk increases with increasing g-I/GFR ratio and decreasing GFR, especially below 30 mL/min/1.73 m<sup>2</sup>.</li> <li>If major risk for CI-AKI consider if a) scan without contrast medium will give adequate information b) another diagnostic modality could be used and c) the dose could be reduced by low kV-technique if contrast medium must be used.</li> </ol>	
		<ul> <li>*Non-renal risk factors to assess:</li> <li>1. Diabetes mellitus</li> <li>2. Chronic heart failure NYHA III/IV</li> <li>3. NSAID, nephrotoxic drugs</li> <li>4. Dehydrated (vomiting, diarrhoea, ileus)</li> </ul>	<ul> <li>**Severely ill patient /other</li> <li>1. ICU-patient, multiple comorbidities, deteriorated general condition</li> <li>2. Unstable renal function (shock, acute heart failure, sepsis, acute renal disease, etc.)</li> <li>3. Recent major surgery</li> <li>4. Repeated contrast medium injections within 72h</li> <li>5. Falsely raised creatinine-based estimated GFR (e.g. abnormal low muscle mass or liver cirrhosis)</li> </ul>