Indications for 64-slice CTCA:
1. Follow-up for patients with known CAD
2. Patients with suspected CAD

Contraindications for 64-slice CTCA:
1. Unstable hemodynamic patients
2. Patients with arrhythmia (atrial fibrillation, frequent ventricular premature beats)
3. Inability to sustain a breath hold for at least 5 to 10 seconds
4. History of allergic reaction for iodinated contrast medium
5. High risk for contrast nephropathy (e.g., patients with diabetes and a serum creatinine concentration above 2.0 mg/dL)
6. Judged unsuitable by a physician for any other reason.

Patients who were known or suspected CAD underwent 64-slice CTCA at Toho University Ohashi Medical Center in Japan between September 15, 2006 and January 26, 2007 (n = 236).

Patients with history of ACS (n = 31), PCI (n = 21), CABG (n = 8) were excluded.

Patients with coronary stenosis less than 50% were excluded (n = 123).

Patients were analyzed for this study (n = 53).