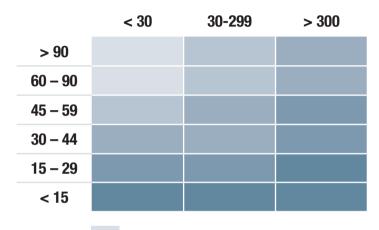
Angiodroid - The CO₂ Injector Automated Carbon Dioxide Angiography

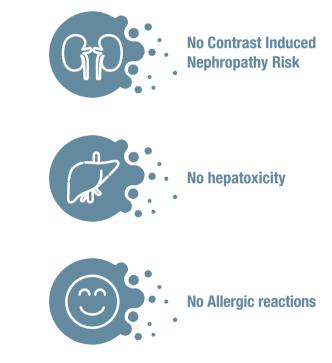




Albuminuria (mg/g)



ACDA to avoid CIN risk
ACDA suggested
ACDA recommended
ACDA strongly recommended
ACDA UNIQUE Option





Carbon Dioxide is the **Only Safe Contrast Agent** for patients with:



Creatinine > 1.5 mg/dl

C eGFR< 60 ml/min/1.73 m²

🔗 Allergy

Diabetes

Hypertension



Clinical practice Guidelines

European Society for Vascular Surgery lodinated contrast agents can cause further deterioration of residual renal function.

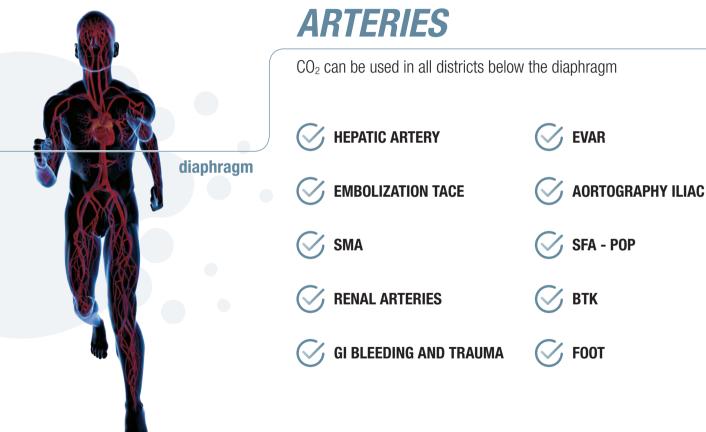
 CO_2 angiography is an effective alternative, without the risk of further impairment of renal function. CO_2 angiography has a sensitivity of 97% and a specificity of 85%.

Due to the acceptable results of CO_2 angiography and the potential risk of NSF, gadolinium enhanced DSA is no longer indicated.

ESVS Vascular Access: 2018 Clinical Practice Guidelines.



Carbon Dioxide Angiography: WHERE?



Cho KJ. Carbon Dioxide Angiography: Scientific Principles and Practice. Vasc Specialist Int. 2015.





Aortography



Aortic Bifurcation



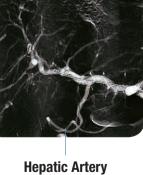
Renal Arteries



BTK



TACE







Foot

Images courtesy of Dr. A. Schwindt, Dr. M. Manzi, Prof. M. Gargiulo, Dr. LM. Palena, Dr. M. Amor, Dr. D. Vorverk, Dr. N. Dias.



Carbon Dioxide Angiography: WHERE?



VEINS

Also the peripheral venous system is investigable with CO₂

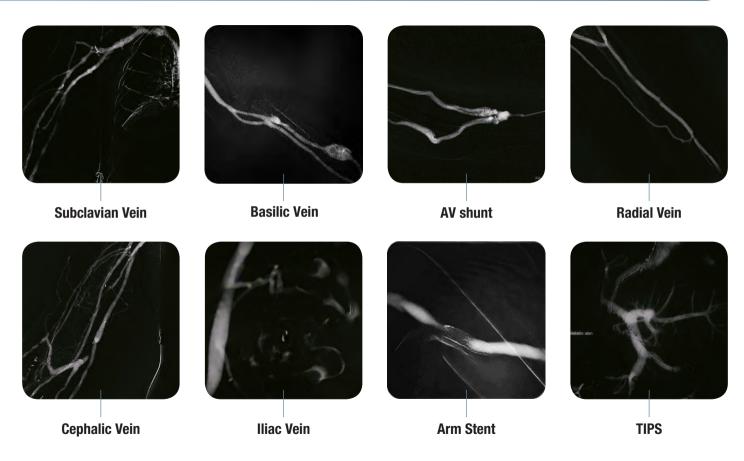
SUBCLAVIAN VEIN
CEPHALIC VEIN
CEPHALIC VEIN
ILIAC VEIN
RADIAL VEIN
GREAT SAPHENOUS VEIN
AV SHUNT PHLEBOGRAPHY
SMALL SAPHENOUS VEIN

🚫 TIPS

Cho KJ. Carbon Dioxide Angiography: Scientific Principles and Practice. Vasc Specialist Int. 2015.

POPLITEAL VEIN







WHAT is ANGIODROID?

Uniqueness



HIGH ACCURACY For CO₂ dose and injection pressure



HIGH PERFORMANCE

More than 400 procedures with an integrated 2L CO₂ cylinder



COMPLETELY SAFE

Internal positive pressure prevents air contamination



MAXIMUM SPEED

Injector ready in 6 seconds



IMPROVED SAFETY

Inject with remote controller, up to 15 meters away



ALWAYS READY

Standardize your work with unique protocols





1st Automated Injection System for CO₂ Angiography



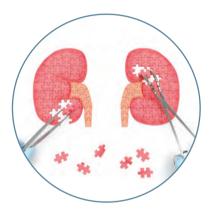








Zero Contrast Procedure







Avoid iodine and related complications (e.g. CIN risk and adverse reactions).

EXCELLENT IMAGING

ACDA ensures optimum CO₂ image quality and complete injection management.





IMPROVED SAFETY

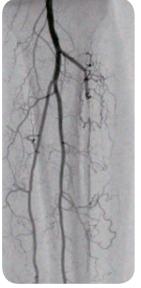
Inject remotely to reduce X-ray dose even from the control room.



Makes the Difference

ACDA as Standard Imaging Option





Perform the complementary approach with dedicated device



SAVE KIDNEYS

Images courtesy of Dr. P. Sbarzaglia.

SEE MORE

SAVE ICM



ACDA AUTOMATED CARBON DIOXIDE ANGIOGRAPHY



www.angiodroid.com



© Angiodroid. All rights reserved. Reproduction of this document is strictly prohibited without express written consent of Angiodroid Srl. ANGIODROID is a registered trademark of Angiodroid Srl. This document refers only to the placing on the market in the countries of the European Economic Community. In accordance with data privacy and protection laws in the European Union and other countries, all patient data that appear in this document are fictitious. No actual patient information is shown. Rev.1 02-2020