Diagnosis of Kidney Disorders: It helps in diagnosing various kidney disorders such as kidney stones, –1 cysts, tumors, and structural abnormalities.5– Evaluation of Renal Blood Flow: Doppler ultrasound, a specialized type of kidney ultrasound, can assess blood flow in the renal arteries and veins, which is crucial in evaluating conditions like renal artery stenosis or renal vein thrombosis.4– Non–invasive: Unlike some other imaging techniques, such as CT scans or MRIs, ultrasound is non–invasive and does not involve exposure to ionizing radiation, making it safer for repeated use, especially in monitoring .chronic conditions