



Stages of kidney disease

This chart shows the stages of kidney disease and outlines how disease is likely to progress if kidney function reduces and urine protein levels increase.

	A1 Normal to very mildly increased urine protein levels	A2 Moderately increased urine protein levels	A3 Severely increased urine protein levels
G1 Normal kidney function. 90% and over	low risk of disease progression	moderately increased risk of disease progression	high risk of disease progression
G2 Mildly decreased kidney function (relative to normal range for young adult). 60-89%	low risk of disease progression	moderately increased risk of disease progression	high risk of disease progression
G3a Mild-moderate loss of kidney function. 45-59%	moderately increased risk of disease progression	high risk of disease progression	very high risk of disease progression
G3b Moderate-severe loss of kidney function. 30-44%	high risk of disease progression	very high risk of disease progression	very high risk of disease progression
G4 Severe loss of kidney function. 15-29%	very high risk of disease progression	very high risk of disease progression	very high risk of disease progression
G5 Kidney failure. Less than 15% of function remaining	very high risk of disease progression	very high risk of disease progression	very high risk of disease progression

- Not considered to be Chronic Kidney Disease unless there is other evidence of kidney damage, e.g. abnormalities on scans or evidence of filter damage (glomerulonephritis)
- Mild Chronic Kidney Disease (due to mildly or moderately changing kidney function and urine protein levels)
- Chronic Kidney Disease
- End-Stage Kidney Disease

For more information visit: www.who.org