

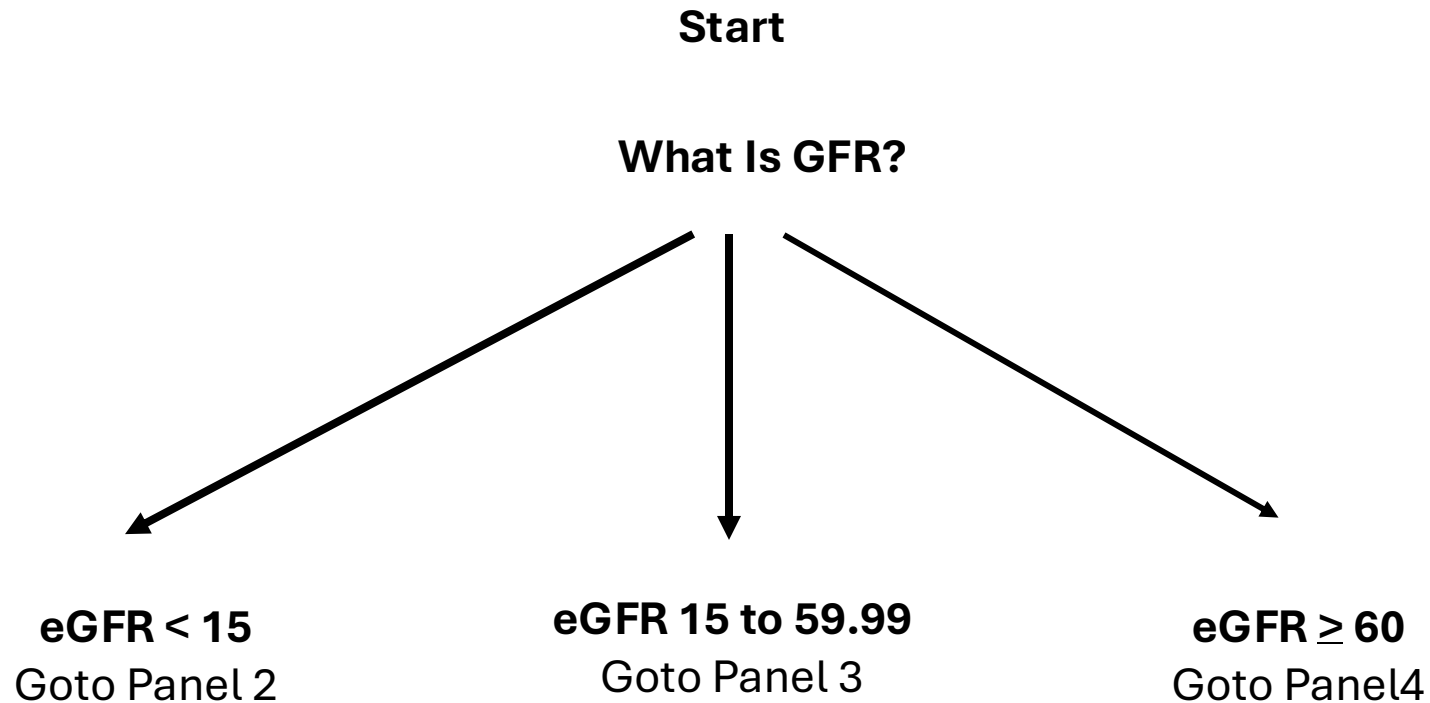
This Kidney Disease Referral Pathway is a modified version of that used by KidneyHealth.ca.

Its purpose is to assist in the decision for referral to nephrology when CKD is diagnosed based on chronic reduction in eGFR, sustained abnormal albuminuria or persistent hematuria

It is built on the assumption that the primary care community has an appropriate management approach to diabetic nephropathy and/or CKD with a stable eGFR \geq 30 ml/min/m² and/or non-nephrotic proteinuria.

Chronic Kidney Disease Referral Order

Pop up on selecting CKD referral button (This referral choice pertains to chronic kidney disease based on eGFR < 60 ml/min/1.73 m² and/or uACR > 30 mg/g and/or hematuria documented on two serum or urine Samples. Otherwise, choose “Other Clinical Question” option.)



Chronic Kidney Disease Referral Order

eGFR < 15 Chosen



**Contact UVMHC Nephrology Directly
Urgent referral**



If not ordered in the past month:

**Order – BMP, phosphorus, serum albumin, UA, urine albumin to creatinine ratio (uACR),
CBC with differential, ANCA (with antimyeloperoxidase AB and anti-proteinase3 AB),
ANA, C3 and C4 Complement levels
Renal US**

**If over 40 years old, obtain SPEP with immunofixation, UPEP (urine for
Monoclonal protein and serum free light chain ratio.**



Follow BMP monthly until Nephrology consultation complete.

eGFR 15 to 59.9 Chosen

Is Hematuria Present?

Yes

No

Routine Nephrology Consultation

Is uACR > 700 mg/g

Yes

No

Routine Nephrology Consultation

Is the eGFR < 30 or KFRE > 3% in 5 years

Yes

No

Order the following tests if not done within the past 2 months

Routine Nephrology Consultation

For eGFR 30 to 59

**BMP, phosphorus, albumin, uACR, UA, CBC with differential, Renal US
If over 40 years old, obtain SPEP with Immunofixation, UPEP for monoclonal Protein and serum free light chain ratio**

Order the following tests if not done within the past 2 months

Repeat blood and Urine tests every 3-6 Months

**Follow BMP monthly until Nephrology Consultation complete.
If eGFR declines > 20% in one month, Contact Nephrology to expedite consult.**

**BMP, phosphorus, albumin, uACR, UA, CBC with differential, Renal US
If over 40 years old, obtain SPEP with Immunofixation, UPEP for monoclonal Protein and serum free light chain ratio
Follow BMP monthly until Nephrology Consultation complete.
If eGFR declines > 20% in one month, Contact Nephrology to expedite consult.**

If eGFR declines > 20% in one month or > 10% over two years or uACR or uACR rises to > 700 mg/g on two successive measurements – Routine nephrology consultation

**If not ordered in the past 2 months:
Order – BMP, phosphorus, serum albumin, UA, urine albumin to creatinine ratio (uACR), CBC with differential, ANCA (with antimyeloperoxidase AB and anti-proteinase3 AB), ANA, C3 and C4 Complement levels
Renal US
If over 40 years old, obtain SPEP with immunofixation, UPEP (urine for Monoclonal protein and serum free light chain ratio.
Follow BMP monthly until Nephrology Consultation complete.
If eGFR declines > 20% in one month, Contact Nephrology to expedite consul.**

eGFR \geq 60

Is Hematuria Present?

Yes

No

Is uACR > 700 mg/g?

Is uACR > 700 mg/g?

Yes

No

Yes

No

Routine Nephrology Consultation

If not ordered in the past 2 months:
Order – BMP, phosphorus, serum albumin,
UA, urine albumin to creatinine ratio (uACR),
CBC with differential, ANCA
(with antimyelo-peroxidase AB and
anti-proteinase3 AB), ANA, C3 and C4
Complement levels

Renal US

If over 40 years old, obtain SPEP with
immunofixation, UPEP (urine for
Monoclonal protein) and serum free
light chain ratio.

Order – BMP, phosphorus, serum albumin,
UA, urine albumin to creatinine ratio (uACR),
CBC with differential, ANCA
(with antimyelo-peroxidase AB
and anti-proteinase3 AB), ANA, C3 and C4
Complement levels in one month
Check Renal US

eGFR decreased > 20% OR
uACR increased to > 700 mg/g OR
Any serology positive

Yes

No

Urgent referral to nephrology Refer to Urology

Routine Nephrology Consultation

If not ordered in the past 2 months:
Order – BMP, phosphorus, serum albumin,
UA, urine albumin to creatinine ratio (uACR),

Renal US

If over 40 years old, obtain SPEP with
immunofixation, UPEP (urine for
Monoclonal protein) and serum free
light chain ratio.

Routine Nephrology Consultation

Order the following tests if not done within the past 2 months
BMP, phosphorus, albumin, uACR, UA, CBC with differential,
Renal US
Follow BMP monthly until Nephrology consultation complete.
If eGFR declines > 20% in one month,
Contact Nephrology to expedite consult.

Is uACR < 30 mg/g

Yes

No

Your patient
does not have
CKD
Please cancel
consult and
screen yearly
if high risk

Does your
patient have
one or more
of the following?

Decline in eGFR
> 10%/year
Decline in eGFR
> 20%/month
eGFR < 30

Yes

No

Repeat eGFR and uACR
in 3 months then every
6-12 months
Consult for changes