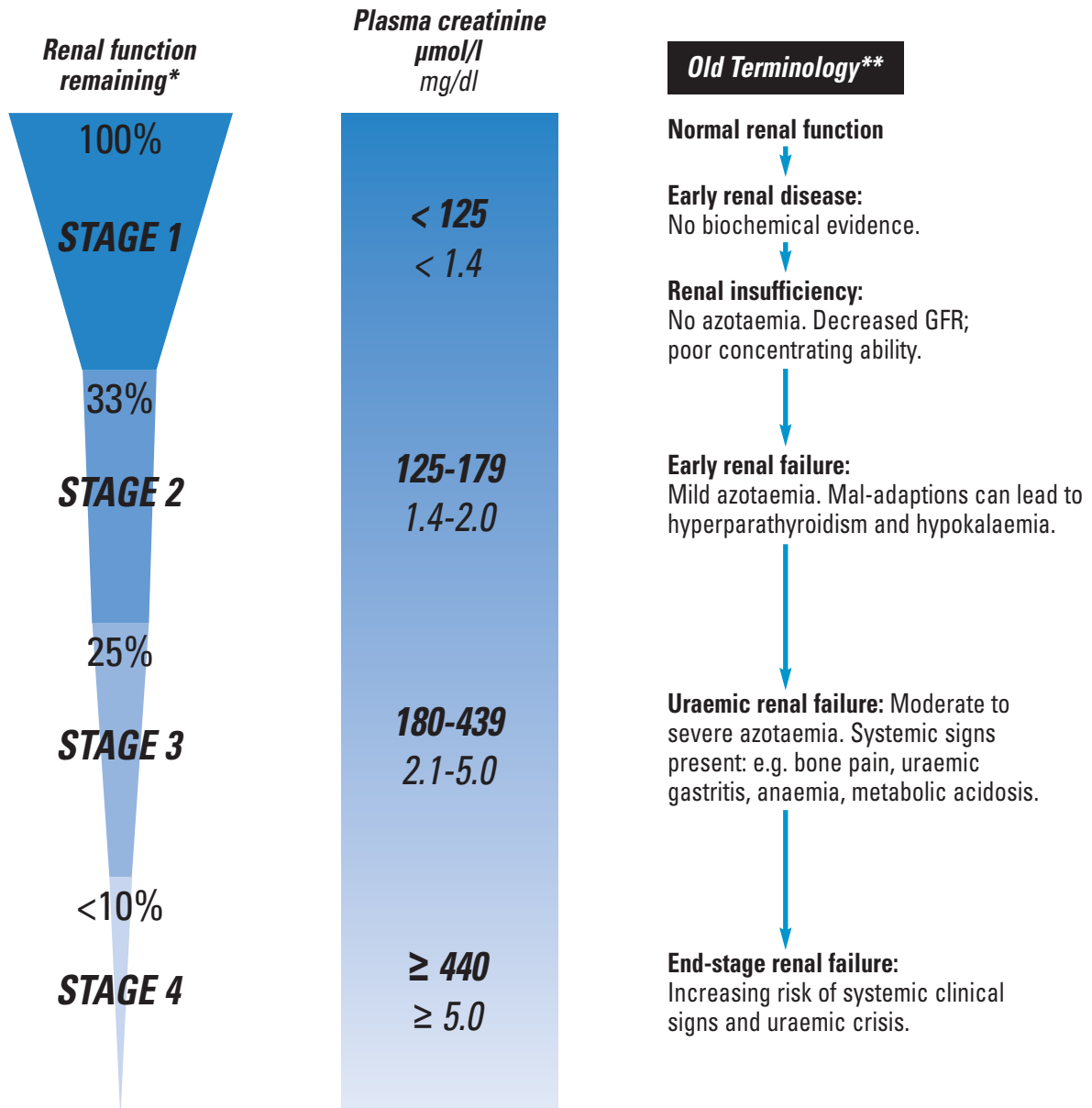




Staging System for Chronic Kidney Disease (CKD)

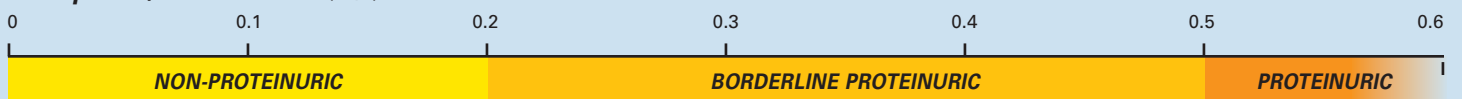
STEP 1. Staging is initially based on fasting plasma creatinine assessed on at least two occasions in the stable patient. Plasma creatinine concentrations apply to average size dogs - those of extreme size may vary.



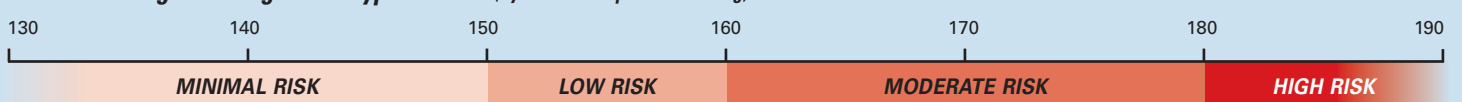
STEP 2. Cases are then sub-staged based on proteinuria and blood pressure.

Note that UP/C and blood pressure vary independently of each other and the stage of CKD, so that any level of proteinuria or hypertension can occur at any stage of CKD i.e. at any level of azotaemia.

Urine protein/creatinine ratio (UP/C)



Risk of end organ damage from hypertension (Systolic blood pressure mm Hg)

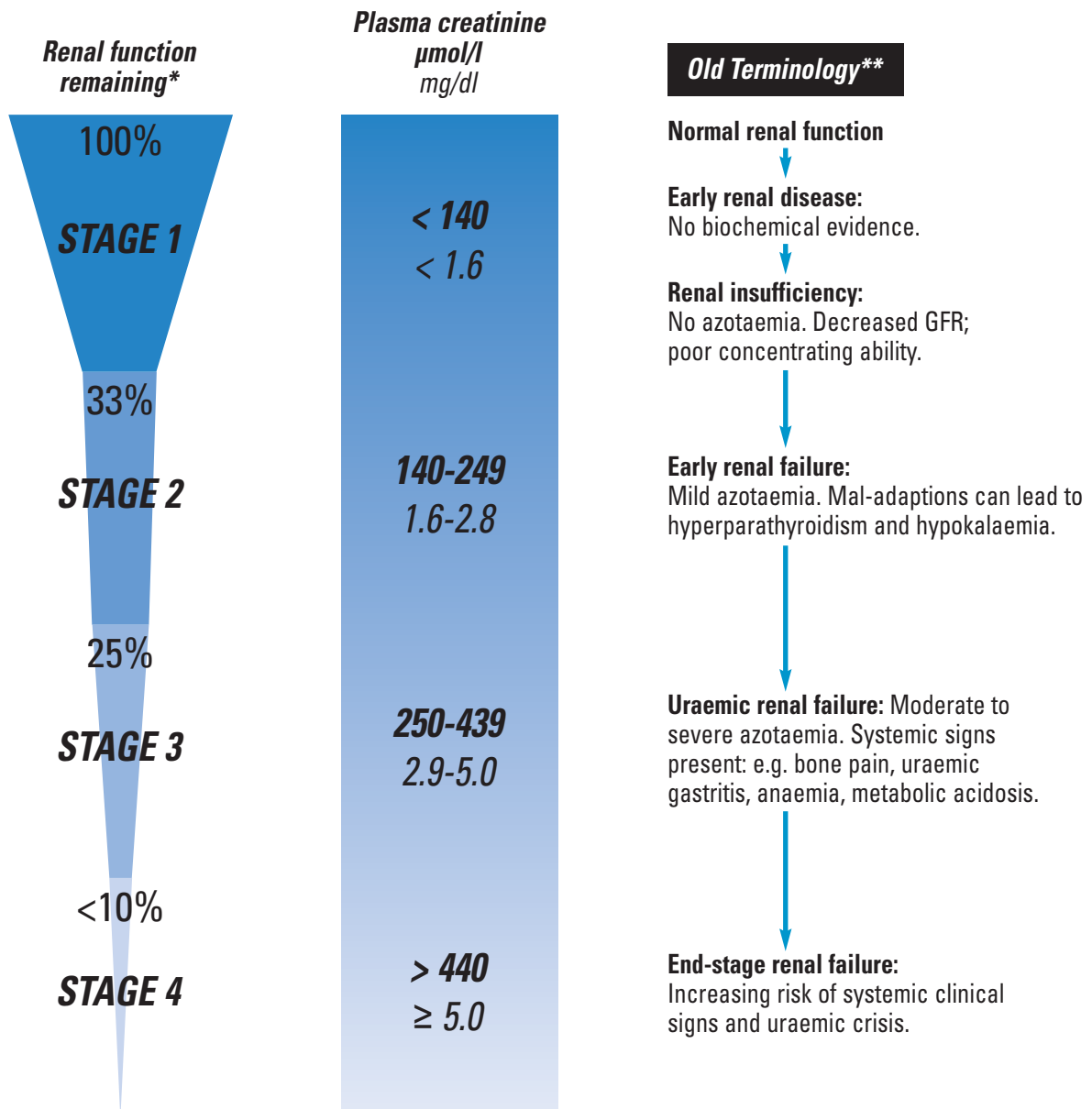


Adapted from the Manual of Canine & Feline Nephrology & Urology (Fig: 5.5) 2nd Edition edited by J. Elliott & G. Grauer (2006) with permission of the British Small Animal Veterinary Association. *The relative percentages of residual function are conceptual estimates only. **This terminology has been used previously without precise definition and should be replaced by the numerical staging system.



Staging System for Chronic Kidney Disease (CKD)

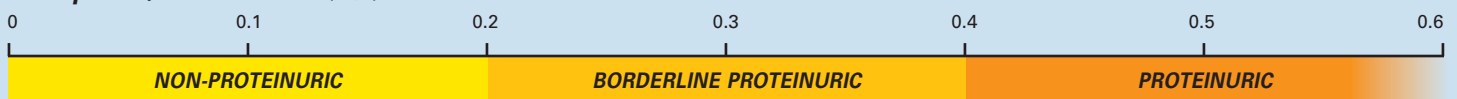
STEP 1. Staging is initially based on fasting plasma creatinine assessed on at least two occasions in the stable patient.



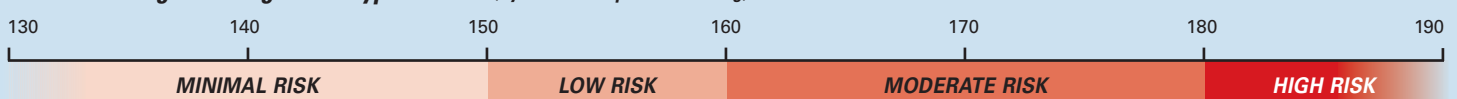
STEP 2. Cases are then sub-staged based on proteinuria and blood pressure.

Note that UP/C and blood pressure vary independently of each other and the stage of CKD, so that any level of proteinuria or hypertension can occur at any stage of CKD i.e. at any level of azotaemia.

Urine protein/creatinine ratio (UP/C)



Risk of end organ damage from hypertension (Systolic blood pressure mm Hg)



Adapted from the Manual of Canine & Feline Nephrology & Urology (Fig: 5.5) 2nd Edition edited by J. Elliott & G. Grauer (2006) with permission of the British Small Animal Veterinary Association.

*The relative percentages of residual function are conceptual estimates only. This terminology has been used previously without precise definition and should be replaced by the numerical staging system.

Supported by Novartis Animal Health Inc.

Based on IRIS 2006 staging of CKD.