

# Nephrology Nursing *Journal*

*Journal of the American Nephrology Nurses Association*

## **Nephrology Nursing Journal Style Guide**

Revised: July 1, 2020

### **NNJ Style Guide**

Style Guides are designed to provide guidelines for authors. The content is not all-inclusive, but it represents the format style of *NNJ* and the most commonly accepted terms, abbreviations, and acronyms in the specialty of nephrology nursing, and addresses frequently asked style questions. It is a companion to the *NNJ Author Guidelines* which provide information on submitting a manuscript to *NNJ*. For information on questions not addressed in the *NNJ Style Guide*, the *NNJ Author Guidelines*, or the *APA Publication Manual*, please contact the *NNJ* staff ([nephrologynursing@ajj.com](mailto:nephrologynursing@ajj.com)).

*NNJ* follows the guidelines established by the *Publication Manual of the American Psychological Association (APA)*, 7th edition (2020), and the recommendations on nomenclature for kidney function and disease from The Kidney Disease: Improving Global Outcomes (KDIGO) Consensus Conference (2020, available for download at <https://kdigo.org/wp-content/uploads/2018/10/Nomenclature-Conference-Report.pdf>).

This Style Guide includes

- Formatting the Manuscript
- General Style Issues
- Terms and Abbreviations – General
- Government and Health Care Organizations – Names and Abbreviations
- Professional Credentials, Certifications, Titles, and Licenses with Abbreviations
- KDIGO Nomenclature May 2020 - KDIGO Consensus Conference Report on Nomenclature for Kidney Function and Disease

The *NNJ Style Guide* is a dynamic document. It is updated as new and more frequently used terms and abbreviations are noted. If you have terms and abbreviations that you believe should be included or corrections, please email *NNJ* Editor-in-Chief Beth Ulrich ([BethTUlrich@gmail.com](mailto:BethTUlrich@gmail.com)).

### Formatting the Manuscript

#### Order of the Manuscript

The following order should be followed for all manuscripts submitted to *NNJ* including department submissions.

- Title Page – Include
  - title of the manuscript
  - the names of the author(s) with their credentials
  - keywords – Three to five words/phrases typically used when people are searching for information (e.g., hemodialysis, transplantation, work environment).
- Author Information – For each author, provide the
  - Name
  - Credentials - In the order designated by the ANA 2009 Position Statement: education (list highest attained degree first), licensure (state designation or requirement), national certification (earned), awards and honors, other certifications
  - Current job title, name of employer, city and state of employer
  - If applicable, any current ANNA leadership position titles
  - If applicable, ANNA chapter of which the author is a member
  - Contact information, including email address, phone number, and land mail address (home address preferred).
  - Disclosure statement. Include a statement signed by all authors that the contents, in whole or in part, have not been previously reported, and are not under consideration for publication elsewhere, nor will be, until a decision is made by the *Nephrology Nursing Journal* Editor.
  - Indicate which author is the primary author or the corresponding author
- Acknowledgement of funding or other contributions (include only if applicable)
- Other acknowledgements (include only if applicable)
- Abstract (75-125 words) – The abstract should be written as one paragraph
- Key words – Provide several key words that describe the content and can be used in searches
- Learning outcome
- Manuscript text
- References
- Tables (start each on a separate page)
- Figures (start each on a separate page)

#### Technical Format

Manuscripts should be submitted using MS Word. The manuscript should be submitted in a 12-point font (preferably Times New Roman or Arial), be double spaced, and have at least one inch (1") margins. The text in the body of the manuscript should be indented at the

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beginning of each paragraph. A running header (shortened title) and page number should be included at the top of each page of the manuscript except for the title page.

Reference software programs (including the program that comes with MS Word) should NOT be used.

### Headings

*NNJ* uses four levels of headings in the body of the manuscript:

**First Level** (bold, left justified, underlined, Arial font, 12 point)

**Second Level** (bold, left justified, Times New Roman font, 12 point)

**Third level.** (bold, at the start of the paragraph, Times New Roman font, 12 point)

*Fourth level.* (italicized, at the start of the paragraph, Times New Roman, 12 point)

### Punctuation Guidelines

Spacing – Insert one space after commas, colons, semicolon, and periods.

Commas – Within a sentence, use commas to separate three or more elements that do not have internal commas (for example – apples, oranges, and bananas); use semicolons to separate three or more elements that have internal commas.

Quotation marks – Use double quotation marks when quoting material directly from the source, the first time a word or phrase is used for an invented or coined expression, and to set off the title of an article or chapter when the title is mentioned in the text. Do not use double quotation marks to identify the anchors of a scale or to introduce a technical term – italicize them instead. Do not use double quotation marks to enclose block quotations of 40 or more words.

Bullet points – If each bullet point is a complete sentence, start each with a capital letter and end each with a period. If the bullet points are a list, then end each bullet point with a comma or semicolon as noted above. End the last bullet point with a period.

### Tables, Figures, and Photographs

Each table and figure (including photographs, which are considered to be figures) should appear on a separate page after the reference section. Each table and figure should have a title at the top and any sources or permissions for the use of the table listed under the table/figure. For figures, make sure to submit the figure in a format that can be recreated for publication. If the figure is a graph, for example, submit the graph in a format that includes access to the data used to create the graph. The data in the tables and figures should be carefully checked for accuracy – make sure all the numbers that should add up actually do add up.

Photographs must be of high resolution. If the table or figure is taken from another source, include a full reference citation. Obtaining permission to reprint another's work is the responsibility of the author. In addition, photographs that contain the image of an

individual or individuals must be accompanied by signed releases from those individuals stating that they give permission for the photograph to be used in *NNJ*.

### Citations and References

The purpose of citations and references is for readers to be able to find the sources cited. Citations and references must follow the guidelines in the *APA Publication Manual*, 7th edition, 2020. Examples are provided below. For other types of citations or references, refer to the *APA Publication Manual*, Chapter 8: Works Credited in the Text.

#### **Citations**

Citations should be from primary (original) sources and should be as current as possible.

Citations from references with one or two authors should list all authors in each citation. (Kear, 2019; Ulrich & Robbins, 2020).

Citations from references with three or more authors should list the first author followed by et al. on all citations. (Colaneri et al., 2018)

When multiple citations are listed for the same information, they should be listed in alphabetical order, with each citation – except the last – followed by a semi-colon. (Colaneri et al., 2018; Dutka et al., 2019; Kear, 2018; Ulrich & Robbins, 2020)

#### **References**

Reference information should be obtained from the original (primary) source. There should be a reference for each source cited in the manuscript. References should be listed in alphabetical order at the end of the manuscript and should begin on a new page.

Authors are encouraged to provide digital object identifier (DOI) numbers, when available, at the end of the reference. Use the DOI hyperlink for references that include DOI numbers (e.g., <https://doi.org/10.37526/1526-744X.2020.47.1.7>).

For references with up to 20 authors, all author names should be listed. When there are 21 or more authors, list the first 19 authors followed by an ellipsis and the final author's name.

When there is more than one reference by the same author, the references by that author should be listed in order of the publication years with the earliest article listed first. When there is more than one reference by the same author in the same year, those references should be ordered alphabetically by the first word of the title and a lowercase suffix should be added to the year beginning with the letter “a” (i.e., 2019a, 2019b).

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References for an entire book must contain the name(s) of the author(s), year of publication, title of book, edition of book (if multiple additions have been printed), and the name of the publisher.

Examples:

Author, A.A. (2018). *Title of book*. Publisher.

Editor, A.A. (Ed.) (2019). *Title of book*. Publisher.

References for a book chapter must include information on the chapter as well as on the book as a whole.

Example:

Author, A.A., & Author, B.B. (2018). Title of chapter. In A. Editor & B. Editor (Eds.), *Title of book* (pp. xxx-xxx). Publisher.

References for articles must include the name(s) of the author(s), year of publication, title of the article, name of the journal, volume number, issue number, page numbers, and DOI number, if available. In addition, if the article can be retrieved online by readers, the article's web address should also be included.

Examples:

Author, A.A., Author, B.B., & Author, C.C. (2020). Title of article. *Journal Name, Volume number* (issue number), pages. (For page numbers, list the first page of the article and the last page of the article. If there are additional pages, they are listed following the consecutive pages. Example 101-110, 124).  
<http://doi.org/10.1016/j.midw.2019.09.010>

Author, A.A., Author, B.B., & Author, C.C. (2017). Title of article. *Journal Name, 10*(2), 101-110.

Author, A.A., Author, B.B., Author, C.C., Author, D.D., Author, E.E., Author, F.F., Author, G.G., Author, H.H., Author, I.I., Author, J.J., Author, K.K., Author, L.L., Author, M.M., Author, N.N., Author, O.O., Author, P.P., Author, Q.Q., Author, R.R., Author, S.S., ... Author, Z.Z. (2018). Title of article. *Journal Name, 10*(2), 101-110.  
<http://doi.org/10.1020/ajkd.2019.09.010>

## General Style Issues

### Using Bias-Free Language

*NNJ* adheres to APA (2020) guidelines regarding the use of bias-free language. The overall principle of bias-free language is that the integrity of all human beings should be maintained and that they should not be described by language that objectifies them, implies prejudicial beliefs, or “perpetuates biased assumptions against persons on the

basis of age, disability, gender, participation in research, racial or ethnic identity, sexual orientation, socioeconomic status, or some combination of these or other personal factors (e.g., marital status, immigration status, religion)” (p. 131). Bias-free language focuses on the individual, emphasizing the person, not the person’s disabilities or chronic conditions (for example, use "patients on hemodialysis" rather than "hemodialysis patients" and use “people with diabetes” instead of “diabetics”).

### Use of Primary Sources

Primary sources are the original sources of information, such as the original report of a research study. You should not rely on other people's interpretation(s) of what was reported in another publication. If Author A cites Author B's publication as the source for information in Author A's article, then you should read Author B's publication and confirm Author A's interpretation or, better yet, create your own interpretation. You also should not copy reference information from Author A's article, but should confirm the correct reference information before including it in your article.

### Units of Measure

In general, *NNJ* uses the metric system and adheres to the International System of Units (SI) and its abbreviations. Metric units are preferred for measurements of volume, weight, height, and length. Refer to the *Publication Manual of the APA, 7<sup>th</sup> Edition (2020)* for more details. Conversion information may be included in parentheses as appropriate.

*NNJ* uses the metric system, adheres to the International System of Units (SI) and its abbreviations, and follows the guidelines of the *Publication Manual of the APA, 7<sup>th</sup> Edition (2020, chapter 6)* on units of measure and abbreviations for units of measure. Conversion information may be included in parentheses as appropriate.

### Names of Pharmaceuticals, Devices, etc.

Nonproprietary names of pharmaceutical products, devices, etc. should be used at all times unless the brand/trade name is relevant to the content.

### Numbers

The *Nephrology Nursing Journal* follows the guidelines of the *Publication Manual of the APA, 7<sup>th</sup> Edition (2020)*.

- In general, use numerals for numbers 10 and above and words to express numbers below 10.
- Use numbers for:
  - numbers 10 and above (cardinal and ordinal numbers)
  - numbers that immediately precede a unit of measurement;
  - numbers that represent statistical or mathematic functions, fractions, decimal quantities, percentages, ratios, and the like;
  - numbers that represent time, dates, ages, scores, points on a scale, exact sums of money, and numerals as numerals;

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- numbers that denote a specific place in a numbered series, and parts of books and tables.
- Use words for numbers and for common fractions that begin a sentence, title, or heading.
- Use a zero before the decimal point with numbers that are less than one when the statistic can exceed one.
- Be consistent with the number of decimal places used in comparative data.

### Statistical Abbreviations and Symbols

The *Nephrology Nursing Journal* follows the guidelines of the *Publication Manual of the APA, 7<sup>th</sup> Edition* (2020, chapter 6) on statistical abbreviations and symbols.

### Units of Time/Symbols

In general, the *Nephrology Nursing Journal* uses the metric system and adheres to the International System of Units (SI) and its abbreviations.

### Chemical Components

In general, names of chemicals should be written out, however, in some cases, such as in figures, it is necessary to abbreviate the names.

- Ammonia – NH<sub>3</sub>
- Ammonium – NH<sub>4</sub><sup>+</sup>
- Bicarbonate – HCO<sub>3</sub><sup>-</sup>
- Calcium – Ca<sup>2+</sup>
- Carbon dioxide – CO<sub>2</sub>
- Carbonic acid - H<sub>2</sub>CO<sub>3</sub>
- Chloride - Cl<sup>-</sup>
- Hydrogen – H<sup>+</sup>
- Hydrochloric acid – HCl
- Magnesium – Mg<sup>2+</sup>
- Phosphate - PO<sub>4</sub><sup>-</sup>
- Potassium - K<sup>+</sup>
- Sodium - Na<sup>+</sup>
- Sodium dihydrogen phosphate – NaH<sub>2</sub>PO<sub>4</sub><sup>-</sup>
- Sodium chloride – NaCl
- Sodium monohydrogen phosphate – NaHPO<sub>4</sub><sup>2-</sup>
- Water - H<sub>2</sub>O

### Miscellaneous Style Issues

- The term ‘dialysis’ is a general term that is used to mean all types of dialysis. Terms like “hemodialysis” and “peritoneal dialysis” should be used for specific types of dialysis.
- Incident cases vs. prevalent cases – The term “incident cases” refers to new cases; the term “prevalent cases” refers to all existing cases
- “Healthcare” vs. “health care” – which to use? Some people use “healthcare” as an adjective (e.g., healthcare personnel) and “health care” when the word “health” is describing the care (e.g., health care vs. illness care); however, this can be confusing. According to the APA, the term “health care” is the correct term in both cases. Therefore, NNJ uses “health care” as two words.
- “Medical care” vs. “health care” – when to use? The term “medical care” is often incorrectly used when describing health care, nursing care, etc. Use the term “medical care” only when referring specifically to medical care.
- Racial and Ethnic Terms – Racial and ethnic groups are designated by proper nouns and are capitalized (e.g., White, Black, Hispanic, Native American).
- Use of a comma in a series of items – Use a comma between elements in a series of three or more items, including before the final item. The last comma is called a serial comma or Oxford comma. Incorrect example – He lived with his brother, son and wife. Correct example – He lived with his brother, son, and wife.
- Advance care planning, NOT advanced care planning; advance directive, NOT advanced directive
- Generic drug names use lower case at the beginning of the drug's name.
- Diabetes – type 1 diabetes, type 2 diabetes (not Type 1, Type 2)
- Vitamin D3 (not D<sub>3</sub>)
- The correct way to express decades of time is 1990s, not 1990’s. The correct way to express the plural form of credentials is RNs (not RN’s), MDs (not MD’s), APRNs (not APRN’s), etc. The ‘s denotes the possessive form of the term rather than the plural form.
- i.e. and e.g. – i.e. is the abbreviation for the Latin phrase “id est” meaning “that is” and e.g. is for “exempli gratia” meaning “for example.” Use “i.e.” when you wish to explain something further and use “e.g.” when you are giving examples. Both should be used in parentheses. When in doubt, use neither and just say “for example” or “that is” or other explanatory phrases in the text.
- email – no hyphen; website; internet
- Magnet® (not magnet, in reference to ANCC’s Magnet Recognition Program). Also, use ® on first mention of both Magnet and the Magnet Recognition Program.

Note: Updates to the APA guidelines as well as frequently asked questions can be found at [www.apastyle.org](http://www.apastyle.org)

### Terms & Abbreviations

*NNJ* allows the use of common abbreviations. When deciding whether or not to use an abbreviation, consider the readers' familiarity with the abbreviation and whether or not the use of the abbreviation(s) makes the information easier to read or not. In any case in which an abbreviation is not in common use or may be confused with a similar abbreviation, an abbreviation should NOT be used. *NNJ* also does not permit the use of any abbreviations that are on The Joint Commission 'do not use' list.

All abbreviations should be spelled out on first use.

### General Terms and Abbreviations

AB – antibody

ABG – arterial blood gases

ACA – Affordable Care Act (The full name is the Patient Protection and Affordable Care Act.)

ACE – angiotensin converting enzyme

ACLS – advanced cardiac life support

ACO – accountable care organization

ACPB – aluminum-containing phosphate binders

ACR – urinary albumin-creatinine ratio

ACT – activated clotting time

ADH – antidiuretic hormone

ADL – activities of daily living

ADP – adenosine diphosphate

ADPKD – autosomal dominant polycystic kidney disease

AER – urinary albumin excretion rate

AIDS – acquired immunodeficiency syndrome

AKD – acute kidney disease – AKI, or GFR less than 60/mL/1.73m<sup>2</sup>, or markers of kidney damage for 3 months or less, or decrease in GFR by 35% or greater or increase in SCr by 50% or greater for 3 months or less (KDIGO)

AKI – acute kidney injury – subcategory of AKD; oliguria for more than 6 hours, rise in SCr level by more than 0.3 mg/dL or by more than 50% in 1 week (KDIGO)

AKI stage 1

AKI stage 2

AKI stage 3

AKI stage 3D – acute kidney injury treated by dialysis

AMA – against medical advice

AMI – acute myocardial infarction

APD – automated peritoneal dialysis

APGN – acute postinfectious glomerulonephritis

APTT – activated partial thromboplastin time

ARB – angiotensin receptor blocker

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**ARDS** – acute respiratory distress syndrome

**ARF** – acute renal failure

**ASA** – acetylsalicylic acid

**ASAP** – as soon as possible

**AST** – aspartate aminotransferase

**ATN** - acute tubular necrosis

**ATP** – adenosine triphosphate

**AV** – arteriovenous

**AVF** – arteriovenous fistula

**AVG** – arteriovenous graft

**AVR** – aortic valve replacement

**Albuminuria and proteinuria categories**

**Normal** – AER less than 10 mg/d; ACR less than 10 mg/g (less than 1mg/mmol)

**Mild** – AER 10-29 mg/d; ACR 10-29 mg/g (1.0-2.9/ mmol)

**A1** – Normal to mildly increased (normal to mild) albuminuria or proteinuria; AER less than 30 mg/d; ACR less than 30 mg/g (less than 3 mg/mmol); PER less than 150 mg/d; PCR less than 150 mg/g (less than 15 mg/mmol)

**A2** – Moderately increased (moderate) albuminuria or proteinuria; AER 30-300 mg/d; ACR 30-300 mg/g (less than 1 mg/mmol); PER less than 150 mg/d; PCR less than 150 mg/g (less than 15 mg/mmol)

**A3** – Severely increased (severe) albuminuria or proteinuria; AER greater than 300 mg/d; ACR greater than 300 mg/g (more than 30 mg/mmol); PER greater than 500 mg/d; PCR greater than 500 mg/g (greater than 50 mg/mmol)

**BCG** – bacillus Calmette-Guerin vaccine

**BFR** – blood flow rate

**BMD** – bone mineral disorder

**BMI** – body mass index

**BP** – blood pressure

**BPS** – biopsychosocial

**BUN** – blood urea nitrogen

**BV** – blood volume

**CA** – carbonic anhydrase

**CABG** – coronary artery bypass graft

**CAD** – coronary artery disease

**cAMP** – cyclic adenosine monophosphate

**CAPD** – continuous ambulatory peritoneal dialysis

**CAT** – computerized axial tomography

**CAUTI** – catheter-associated urinary tract infections

**CAVH** – continuous arterio-venovenous hemofiltration

**CBC** – complete blood count

**CBT** – cognitive behavior therapy

**CCPD** – continuous cyclic peritoneal dialysis

**CE** – continuing education

**CfC** – CMS Conditions for Coverage

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CFU – colony forming units  
CHF – congestive heart failure  
CHr – reticulocyte hemoglobin content  
CKD – chronic kidney disease – GFR less than 60 mL/1.73<sup>2</sup> or markers of kidney damage for more than 3 months (KDIGO)  
CKD G5 without KRT - CKD G1-G5, A1-A3 of any cause, not receiving dialysis or transplantation  
CKD G1T-G5T – CKD G1-G5 after transplantation  
CKD G5D – CKD G5 treated by dialysis  
CKD Risk Categories  
CKD low risk – CKD risk category low; Refers to G1A1, G2A1  
CKD moderate risk – CKD risk category moderately high; Refers to G1A2, G2A2, G3aA1  
CKD high risk – CKD risk category high; Refers to G1A3, G2A3, G3aA2, G3bA1  
CKD risk category very high risk - CKD risk category high risk; Refers to G3aA3, G3bA2, G3bA3, G4A1, G4A2, G4A3, G5A1, G5A2, G5A3  
Cl<sup>-</sup> – chloride. Caution: Can be confused with the abbreviation for clearance (Cl) when used for chloride.  
Cl – clearance. Caution: Make sure it is clear that Cl does not mean chloride (Cl<sup>-</sup>) when used for clearance.  
CLABSI – central line-associated blood stream infection  
C<sub>max</sub> – maximum concentration  
CME – continuing medical education  
CMV – cytomegalovirus  
CON – certificate of need  
CoP – CMS Conditions of Participation  
COPD – chronic obstructive pulmonary disease  
COVID-19 – coronavirus disease  
CPK – creatinine phosphokinase  
CPM – clinical performance measure  
CPR – cardiopulmonary resuscitation  
CPT – current procedural terminology  
CQI – continuous quality improvement  
Cr – creatinine  
CrCl – creatinine clearance  
CRM – crew resource management  
CRP – C-reactive protein  
CKRT – continuous kidney replacement therapy  
CSF – cerebrospinal fluid  
CT – computerized tomography  
CV – coefficient of variation  
CVC – central venous catheter  
CVD – cardiovascular disease  
CVP – central venous pressure

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**CVVH** – continuous venovenous hemofiltration

**DDKT** – deceased donor kidney transplant/transplantation

**DFO** – deferoxamine

**DI** – deionization

**DM** – diabetes mellitus

**DME** – durable medical equipment

**DNA** – deoxyribonucleic acid

**DNR** – do not resuscitate

**DPOA** – durable power of attorney

**DRGs** – diagnosis related groups

**DSA** – donor specific antibody

**DSM** – Diagnostic and Statistical Manual of Mental Disorders (note edition - III, III-R, IV)

**EBL** – estimated blood loss

**EBP** – evidence-based practice

**EBV** – Epstein Barre Virus

**ECF** – extracellular fluid

**ECFV** – extracellular fluid volume

**ECG** – electrocardiogram

**eCL** – estimated clearance

**eCL<sub>cr</sub>** – estimated clearance using creatinine

**ECMO** – extracorporeal membrane oxygenation

**ECV** – extracellular volume

**ED** – emergency department

**EDW** – estimated dry weight

**eGFR** – estimated glomerular filtration rate

**eGFR<sub>cr</sub>** – estimated glomerular filtration rate using creatinine

**eGFR<sub>cys</sub>** – estimated glomerular filtration rate using cystatin C

**eGFR<sub>cr-cys</sub>** – estimated glomerular filtration rate using creatinine and cystatin C

**EKG** – electrocardiogram

**ELISA** – enzyme-linked immunosorbent assay

**EOL** – end-of-life (used as an adjective, e.g. EOL care)

**EPO** - erythropoietin

**ePTFE** – expanded polytetrafluoroethylene

**ER** – emergency room

**ESA** – erythropoietin stimulating agent

**FBG** – fasting blood glucose

**Fe** – iron

**FE<sub>Na</sub>** – fractional excretion of sodium

**FMEA** – Failure Modes and Effects Analysis

**FR<sub>Na</sub>** – fractional reabsorption of sodium

**FSGS** – focal segmental glomerular sclerosis

**FSH** – follicle-stimulating hormone

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FTE – full-time equivalent

GBS – Guillian Barre Syndrome

GBM – glomerular basement membrane

GERD – gastroesophageal reflux disease

GFR – glomerular filtration rate. Specify units in mL/min/1.73<sup>2</sup>

GFR categories

G1 – Normal to increased GFR; GFR at or above 90 mL/min/1.73m<sup>2</sup>

G2 – Mildly reduced GFR; GFR 60-89 mL/min/1.73m<sup>2</sup>

G3a – Moderately reduced GFR; GFR 45-59 mL/min/1.73m<sup>2</sup>

G3b – Moderately reduced GFR; GFR 30-44 mL/min/1.73m<sup>2</sup>

G4 – Severely reduced GFR; GFR 15-29 mL/min/1.73m<sup>2</sup>

G5 – Kidney failure; GFR less than 15 mL/min/1.73m<sup>2</sup> or treated by dialysis

GFR reserve (do not use “renal function reserve”)

GI – gastrointestinal

GN – glomerulonephritis

H&P – history and physical

HAI – health care-associated infection

HAV – hepatitis A virus

HBIG – hepatitis B immunoglobulin

HBsAg – hepatitis B surface antigen

HBV – hepatitis B virus

HCAHPS – Hospital Consumer Assessment of Healthcare Providers and Systems

HCP – health care provider

HCQIP – Health Care Quality Improvement Program

HCV – hepatitis C virus

Hct – hematocrit

HD – hemodialysis

HDF – hemodiafiltration

HDL – high density lipoprotein

HF – hemofiltration

Hg – mercury

Hgb – hemoglobin

HHD – home hemodialysis

HIPAA – Health Insurance Portability and Accountability Act

HIT – heparin-induced thrombocytopenia

HIV – human immunodeficiency virus

HLA – human leukocyte antigen

HMO – health maintenance organization

HR – heart rate

HRO – high reliability organization

HRT – hormone replacement therapy

HRQoL – health related quality of life

HSP – Henoch Schonlein Purpura

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HSV – herpes simplex virus

Ht – height

HTML – hypertext markup language

HTN – hypertension

HWE – healthy work environment

HZV – herpes zoster virus

ICD-9 – International Classification of Diseases, Ninth Revision

ICD-10 – International Classification of Diseases, Tenth Revision

ICF – intracellular fluid

ICU – intensive care unit

IDDM – insulin-dependent diabetes mellitus

IDWG – interdialytic weight gain

IgA – immunoglobulin A

IM – intramuscular

INR – international normalized ratio

IP – intraperitoneal

IPN – intraperitoneal nutrition

iPTH – intact parathyroid hormone

IRB – Institutional Review Board

ISG – immune serum globulin

ISN – international sensitivity index

IV – intravenous

IVC – inferior vena cava

IVIG – intravenous immune globulin

IVP – intravenous pyelogram

JGA – juxtaglomerular apparatus

KDIGO – Kidney Disease: Improving Global Outcomes

KDOQI – Kidney Disease Outcomes Quality Initiative

KF – kidney failure (as defined in the KDIGO guideline –  $GFR < 15\text{mL}/\text{min}/1.73\text{m}^2$  or treatment by dialysis)

KFRT – kidney failure with replacement therapy - CKD G5 treated by dialysis or CKD G1-G5 after transplantation

KRT – kidney replacement therapy

Kuf – ultrafiltration coefficient

Kt/V – measurement of dialysis adequacy; K = urea clearance, t = treatment time, V = volume of urea distribution

KUB – Kidneys, ureter, bladder

LBV – low biologic value

LD – living donor

LDKT – living donor kidney transplant/transplantation

LDL – low density lipoprotein

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LH – luteinizing hormone  
Long-term or maintenance dialysis (dialysis for CKD)  
LOS – length of stay  
LRD – living related donor  
LRSP – long-range strategic plan  
LTC – long term care  
LVH - left ventricular hypertrophy  
LVMI – left ventricular mass index  
LVN – licensed vocational nurse  
LWCT – lee white clotting time

MANOVA – multivariate analysis of variance  
MAP – mean arterial pressure  
mCL – measured clearance  
mCL<sub>UN</sub> – measured clearance using urea nitrogen  
mCL<sub>cr</sub> – measured clearance using creatinine  
mCL<sub>UN-cr</sub> – measured clearance using urea nitrogen and creatinine  
MCO – managed care organization  
MCP – monthly capitated payment  
mGFR – measured glomerular filtration rate  
MICU – medical intensive care unit  
MMPI – Minnesota Multiphasic Personality Inventory  
moAb - monoclonal antibody  
MPGN – membranous proliferative glomerulonephritis  
MRI – magnetic resonance imaging  
mRNA – messenger ribonucleic acid  
MRSA – methicillin-resistant staphylococcus aureus  
MSK – medullary sponge kidney  
MVP – mitral valve prolapse  
MVR – mitral valve replacement  
MW – molecular weight

NIDDM – non-insulin dependent diabetes mellitus  
NFP – net filtration pressure  
NG – nasogastric  
NICU – neonatal intensive care unit  
NKA – no known allergies  
NKF-KDOQI – National Kidney Foundation - Kidney Disease Outcomes Quality Initiative  
NMR – nuclear magnetic resonance  
NPCR – normalized protein catabolic rate  
NPO – nothing by mouth  
NPRM – notice of proposed rule making  
NSAID – nonsteroidal anti-inflammatory drug

OBRA – Omnibus Budget Reconciliation Act

## Nephrology Nursing Journal Style Guide

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OPO – organ procurement organization

OR – operating room

OT – occupational therapy

OTC – over the counter

PaCO<sub>2</sub> – partial pressure of carbon dioxide, arterial

PACU – post-anesthesia recovery unit

PAK – pancreas after kidney (transplant)

PaO<sub>2</sub> – partial pressure of oxygen, arterial

PCO<sub>2</sub> – partial pressure of carbon dioxide

PCP – primary care provider

P<sub>cr</sub> – plasma creatinine

PCR – polymerase chain reaction. Caution: Make sure it is clear that PCR does not mean protein-creatinine ratio which is also sometimes abbreviated as PCR.

PCR – protein-creatinine ratio. Caution: Make sure it is clear that PCR does not mean polymerase chain reaction which is also sometimes abbreviated as PCR.

PCTA – percutaneous transluminal angioplasty

PD – peritoneal dialysis

PDCA – plan, do, check, act

PDSA – plan, do, study, act

PER – urinary protein excretion rate

PET – peritoneal equilibration test

PICC – peripherally inserted central catheter

PICU – pediatric intensive care unit

PKD – polycystic kidney disease

PKU – phenylketonuria

PPD – purified protein derivative

PPM – parts per million

PRA – panel reactive antibody

Pr/Cr – protein to creatinine

PSA – prostate specific antigen

PSDA – Patient Self-Determination Act

PSGN – post streptococcal glomerular nephritis

PSVT – paroxysmal supraventricular tachycardia

PT – physical therapy

PTFE – polytetrafluorethylene

PTH – parathyroid hormone

PTT – prothrombin times

PUD – peptic ulcer disease

PVC – polyvinyl chloride

PVD – peripheral vascular disease

QA – quality assurance

Qb – blood flow

Qd – dialysate flow. Caution – Make sure it is clear that Qd does not mean each day (QD).

## Nephrology Nursing Journal Style Guide

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QI – quality improvement

QoL – quality of life

RBC – red blood cell

RBF – renal blood flow

RCT – randomized control trial

RDA – recommended daily allowance

RDS – respiratory distress syndrome

RKF – residual kidney function

rHuEPO (or rEPO) - recombinant human erythropoietin

RIA – radioimmunoassay

RNA – ribonucleic acid

RO – reverse osmosis

RPGN – rapidly progressive glomerulonephritis

RRA – radioreceptor assay

SaO<sub>2</sub> - oxygen saturation

SCT – sickle cell trait

SES – socioeconomic status

SG (or sp gr) – specific gravity

SGOT – serum glutamic-oxaloacetic transaminase

SGPT – serum glutamic-pyruvic transaminase

Short-term dialysis (dialysis for AKD)

SICU – surgical intensive care unit

SIR – systemic inflammatory response

SKPT – simultaneous kidney pancreas transplantation

SLE – systemic lupus erythematosus

SLED – slow low efficient dialysis

SNF – skilled nursing facility

SOB – shortness of breath

SPK – simultaneous pancreas and kidney (transplant)

SPN – Specialty Practice Network

SQ – subcutaneous

TAC – time-averaged urea concentration

TB – tuberculosis

TENS – transcutaneous electrical nerve stimulation

TF – tubule fluid

TIA – transischemic attack

TIBC – total iron binding capacity

TMP – transmembrane pressure

tPA – tissue-type plasminogen activator

TPE – therapeutic plasma exchange

TPN – total parenteral nutrition

TPR – temperature, pulse, respiration

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TQM – total quality management

TR – tubular reabsorption

TS – tubular secretion

TSAT – transferrin saturation

TTP – transition to practice

UF – ultrafiltration

UFR – ultrafiltration rate

URI – upper respiratory infection

Urinary ACR – albumin-creatinine ratio

Urinary PCR – urinary protein-creatinine ratio. Caution: Make sure it is clear that PCR does not mean polymerase chain reaction which is also sometimes abbreviated as PCR.

Urinary PER – urinary protein excretion rate

URR – urea reduction ratio

UTI – urinary tract infection

UV – ultraviolet

VHDL – very high density lipoprotein

VLDL – very low density lipoprotein

VR – virtual reality

VRE – vancomycin-resistant enterococci

VS – vital signs

VZIG – varicella-zoster immune globulin

VZV – varicella-zoster virus

WAK – wearable artificial kidney

WBC – white blood cells

WBPTT – whole blood partial thromboplastin time

WNL – within normal limits

Wt – weight

1,25-DHCC – 1,25 dihydroxycholecalciferol

The Joint Commission (2019) recommends **not using** the following abbreviations and terms.

**Do Not Use**

U, u to abbreviate “unit”

IU to abbreviate “international unit.” Can be mistaken for IV.

Q.D., QD, q.d., qd as abbreviations for daily. Can be misread.

Q.O.D., QOD, q.o.d., qod as abbreviations for every other day

MS – can mean morphine sulfate or magnesium sulfate

MSO<sub>4</sub>, MgSO<sub>4</sub> – Can be confused for one another.

Also, take care when writing numbers as decimal points can be missed or misread

## **Government/Health Care Organizations – Names and Abbreviations**

AABB – American Association of Blood Banks  
AACN – American Association of Critical Care Nurses  
AAKP – American Association of Kidney Patients  
AAMI – Association for the Advancement of Medical Instrumentation  
ABNS – American Board of Nursing Specialties  
ABTC – American Board for Transplant Certification  
ADA – American Diabetes Association  
AHCPR – Agency for Health Care Policy and Research  
AKF – American Kidney Fund  
AMA – American Medical Association  
ANA – American Nurses Association  
ANCC-COA - American Nurses Credentialing Center - Commission on Accreditation  
ANF – American Nurses Foundation  
ANNA – American Nephrology Nurses Association  
AONE – American Organization of Nurse Executives (became AONL in 2019)  
AONL – American Organization of Nursing Leadership (was AONE until 2019)  
AOPO – Association of Organ Procurement Organizations  
APA – American Psychological Association  
ASN – American Society of Nephrology  
AST – American Society of Transplantation

CANNT – Canadian Association of Nephrology Nurses and Technicians  
CCNA – Council on Certification of Nurse Anesthetists  
CDC – Centers for Disease Control and Prevention  
CES – Centers for Epidemiologic Studies  
CHAP – Community Health Accreditation Program  
CMS – Centers for Medicare and Medicaid Services (formerly HCFA)  
CNA – Canadian Nurses' Association  
C-NET – Center for Nursing Education Testing  
CNNT – Council of Nephrology Nurses and Technicians  
COMGAN – Commission for the Global Advancement of Nephrology  
CORR – Canadian Organ Replacement Registry  
CSN – Canadian Society of Nephrology

DEA – Drug Enforcement Administration  
DHHS – Department of Health and Human Services

EDTNA – European Dialysis and Transplant Nurses Association  
EPA – Environmental Protection Agency

## Nephrology Nursing Journal Style Guide

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**FDA – Food and Drug Administration**

**GAO – General Accounting Office**

**GPO – Government Printing Office**

**HCFA – Health Care Financing Administration (replaced by CMS)**

**HHS – Health and Human Services**

**HRSA – Health Resources and Services Administration**

**ICN – International Council of Nursing**

**ICN – International Council of Nephrology**

**IFKF – International Federation of Kidney Foundations**

**IHI – Institute for Healthcare Improvement**

**IOM – Institute of Medicine (now the National Academy of Medicine)**

**ISMP – Institute for Safe Medication Practices**

**ISN – International Society of Nephrology**

**ITNS – International Transplant Nurses' Society**

**TJC – The Joint Commission**

**KCP – Kidney Care Partners**

**NAM – National Academy of Medicine**

**NANDA – North American Nursing Diagnosis Association**

**NANT – National Association of Nephrology Technicians/Technologists**

**NAON – National Association of Orthopaedic Nurses**

**NATCO – North American Transplant Coordinators Organization**

**NCMRR – National Center for Medical Rehabilitation Research**

**NCNR – National Center for Nursing Research**

**NCSBN – National Council of State Boards of Nursing**

**NHO – National Hospice Organization**

**NIDDKD – National Institutes of Diabetes and Digestive and Kidney Disease**

**NIH – National Institutes of Health**

**NINR – National Institute of Nursing Research**

**NKF – National Kidney Foundation**

**NKUDAB – National Kidney and Urologic Diseases Advisory Board**

**NKUDIC – National Kidney and Urologic Diseases Information Clearinghouse**

**NLN – National League for Nursing**

**NNCC – Nephrology Nursing Certification Commission**

**NOA – Nursing Organizations Alliance**

**NORD – National Organization for Rare Disorders**

**NPSF – National Patient Safety Foundation**

**NRAA – National Renal Administrators Association**

**OCR – Office of Civil Rights**

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**OIG - Office of Inspector General**

**OSHA - Occupational Safety and Health Administration**

**ProPAC - Prospective Payment Assessment Commission**

**QSEN - Quality and Safety Education for Nurses**

**RPA - Renal Physicians' Association**

**SNA - State nurse association**

**STT - Sigma Theta Tau**

**SUNA - Society of Urologic Nurses and Associates**

**TRIO - Transplant Recipient International Organization**

**UNOS - United Network for Organ Sharing**

**USDHHS - United States Department of Health and Human Services**

**USRDS - United States Renal Data System**

**VA - Veterans Administration (Caution: VA can also be the abbreviation for Virginia.)**

**WCRC - World Council of Renal Care**

**WFRC - World Foundation of Renal Care**

**WHO - World Health Organization**

### **Professional Credentials, Certifications, Titles, and Licenses with Abbreviations**

Note: NNJ uses the order of credentials designated by the ANA 2009 Position Statement: education (list highest attained degree first), licensure (state designation or requirement), national certification (earned), awards and honors, other certifications. Multiple degrees should only be listed if they are in different majors such as a person holding an MSN and an MBA. NNJ does not publish credentials for degrees in progress.

ACNP – Acute Care Nurse Practitioner  
ADN – Associate Degree in Nursing  
AGPCNP–BC – Adult Gerontology Primary Care Nurse Practitioner – Board Certified  
AGACNP–BC – Adult Gerontology Acute Care Nurse Practitioner – Board Certified  
AGCNS-BC – Adult Gerontology Clinical Nurse Specialist  
APN – Advanced Practice Nurse  
ASN – Associate of Science Degree in Nursing  
APRN – Advanced Practice Registered Nurse (not Advance Practice Registered Nurse)

BA – Bachelor of Arts  
BS – Bachelors in Science  
BSN – Bachelor of Science in Nursing

CAN – Certified Nursing Administrator  
CCHT – Certified Clinical Hemodialysis Technician  
CCHT-A – Certified Clinical Hemodialysis Technician - Advanced  
CCNP – Critical Care Nurse Practitioner  
CCRN – Critical Care Registered Nurse  
CCTC – Certified Clinical Transplant Coordinator  
CD-LPN – Certified Dialysis LPN  
CD-LVN – Certified Dialysis LVN  
CDN - Certified Dialysis Nurse  
CEN – Certified Emergency Nurse  
CENP – Certified in Executive Nursing Practice  
CEO – Chief Executive Officer  
CFO – Chief Financial Officer  
CHT – Certified Hemodialysis Technician  
CIO – Chief Information Officer  
CMO – Chief Medical Officer  
CNA – Certified Nurse Anesthetist  
CNE – Chief Nurse Executive  
CNM – Certified Nurse Midwife  
CNML – Certified Nurse Manager and Leader  
CNN – Certified Nephrology Nurse

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CNNe – Certified Nephrology Nurse Emeritus  
CNN-NP – Certified Nephrology Nurse - Nurse Practitioner  
CNO – Chief Nursing Officer  
CNOR – Certified Perioperative Nurse  
CNS – Clinical Nurse Specialist  
CPN – Certified Pediatric Nurse  
CPNP – Pediatric Nurse Practitioner  
CPTC – Certified Procurement Transplant Coordinator  
CRNA – Certified Registered Nurse Anesthetist  
CRRN – Certified Rehabilitation Nurse  
CS – Clinical Specialist

DNP – Doctor of Nursing Practice  
DNS – Doctor of Nursing Science  
DNSc – Doctor of Nursing Science  
DO – Doctor of Osteopathy  
DSN – Doctor of Science in Nursing

EdD – Doctor of Education  
EMT – Emergency Medical Technician

FAAN – Fellow of the American Academy of Nursing  
FACHE – Fellow in the American College of Healthcare Executives  
FAONL – Fellow in the American Organization for Nursing Leadership  
FNP – Family Nurse Practitioner  
FNP-BC – Family Nurse Practitioner Certification  
FRCP – Fellow Royal College of Physicians

GN – Graduate Nurse  
GNP – Geriatric Nurse Practitioner

JD – Doctor of Jurisprudence

LCSW – Licensed Clinical Social Worker  
LPN – Licensed Practical Nurse  
LVN – Licensed Vocational Nurse

MA – Master of Arts  
MBA – Master of Business Administration  
MD – Medical Doctor  
MEd – Master of Education  
MHA – Master of Hospital Administration  
MN – Master of Nursing  
MPH – Master of Public Health  
MRCP – Member Royal College of Physicians

## Nephrology Nursing Journal Style Guide

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**MS – Master of Science**

**MSN – Master of Science in Nursing**

**NBT – Nephrology Biomedical Technologist – NANT preferred term for technologists who work with dialysis equipment.**

**NCT – Nephrology Clinical Technician – NANT preferred term for technicians who deal directly with patients**

**NE-BC - Nurse Executive - Board Certified**

**NEA-BC – Nurse Executive, Advanced - Board Certified**

**NHDP-BC – National Healthcare Disorder Certification**

**NNP – Neonatal Nurse Practitioner**

**NP – Nurse Practitioner**

**NPD-BC – Nursing Professional Development Certification**

**OCN – Certified Oncology Nurse**

**OT – Occupational Therapist**

**PA – Physician Assistant**

**PA-C – Physician Assistant, Certified**

**PCP - Primary Care Provider**

**PCT – Patient Care Technician. Note: The National Association of Nephrology Technicians/Technologists (NANT) believes that there are titles other than PCT that should be used that acknowledge the specific field (nephrology), discipline (clinical and/or biomedical) and function (technician or technologist) of these individuals. The NANT preferred terms are Nephrology Clinical Technician (NCTs) for technicians who deal directly with patients and Nephrology Biomedical Technologist (NBTs) for technologists who work with dialysis equipment. Transition to the terms is beginning.**

**PharmD – Doctor of Pharmacy**

**PhD – Doctor of Philosophy**

**PHN – Public Health Nurse**

**PMHNP-BC – Psychiatric-Mental Health Nurse Practitioner-Board Certified**

**PNP – Pediatric Nurse Practitioner**

**PT – Physical Therapist**

**RD - Registered Dietitian**

**RDN – Registered Dietitian Nutritionist**

**RGN – Registered Graduate Nurse**

**RN – Registered Nurse**

**RN-BC – Registered Nurse, Board Certified**

**SW – Social Worker**

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## **KDIGO Nomenclature May 2020**

### **KDIGO Consensus Conference Report on Nomenclature for Kidney Function and Disease – May 2020**

In May 2020, KDIGO published the results of a consensus conference to develop a standardized nomenclature for kidney function and disease. The following terms and abbreviations are those recommended by the conference. They are included in the general terms and abbreviations list, but are specifically noted here. The complete report is available online (<https://kdigo.org/wp-content/uploads/2018/10/Nomenclature-Conference-Report.pdf>) with an accompanying infographic (<https://files.constantcontact.com/320aa531801/6f5e97ef-716b-4a41-8c04-f015eb2b886a.pdf>). Additional information is available in the May/June *NNJ*. *NNJ* will be using these terms – with the transition to the terms beginning in the Jul/Aug 2020 issue.

## Basic Concepts for the KDIGO Nomenclature

### Why uniform nomenclature on kidney function and disease?

FOR CLINICIANS AND HEALTHCARE PROFESSIONALS	FOR PATIENTS
 <p>Reduces confusion and errors in clinical practice</p>	 <p>Facilitates communication between healthcare provider and patient</p>
 <p>Promotes consistency in research design, execution and communication</p>	 <p>Takes into account patient preferences and his/ her needs/ values</p>
 <p>Raises public awareness</p>	 <p>Minimizes language ambiguity and mobilizes self-management and advocacy</p>



### GUIDING PRINCIPLES

 <p><b>Patient centered</b> Wording should not be demoralizing or stigmatizing</p>	 <p><b>Precise</b> Wording should foster accurate communication</p>	 <p><b>Consistent with KDIGO guidelines</b> Adoption of definition and wording should aid evidence-based practice and guideline implementation</p>
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## Key Take-Home Points

 <p>Use 'kidney' rather than 'renal' or 'nepbro' when referring to kidney disease and kidney function</p>	
 <p>Use 'kidney failure' with appropriate descriptions of presence or absence of symptoms, signs, and treatment <i>(rather than 'end-stage' disease since latter term is not patient-sensitive and connotes stigma)</i></p>	
 <p>Use the KDIGO definition and classification of acute kidney diseases and disorders (AKD) and acute kidney injury (AKI) <i>(rather than alternative descriptions to define and classify severity of AKD and AKI; AKI stages (1, 2, 3) should be used to denote severity of AKI)</i></p>	
 <p>Use the KDIGO definition and classification of CKD rather than alternative descriptions to define and classify CKD <i>(Ascertainment of CKD when GFR &gt; 60 ml/min/1.73 m2 requires assessment for markers of kidney damage e.g., albuminuria. CKD should be classified according to cause and categories of GFR and albuminuria (CGA); severity of CKD should correspond to risk categories)</i></p>	
 <p>Use specific kidney measures such as albuminuria or decreased GFR to describe Alterations in kidney structure and function, respectively <i>(rather than general descriptors such as 'abnormal' or 'reduced' kidney function)</i></p>	

*Do not equate albuminuria or proteinuria as 'decreased kidney function' since they are markers of kidney damage*

Source: KDIGO. Used with permission

## KDIGO Definition and Classification of CKD

### CURRENT CHRONIC KIDNEY DISEASE (CKD) NOMENCLATURE USED BY KDIGO

CKD is defined as abnormalities of kidney structure or function, present for > 3 months, with implications for health. CKD is classified based on cause, GFR category (G1–G5), and albuminuria category (A1–A3), abbreviated as CGA.

#### Prognosis of CKD by GFR and albuminuria category

web 4C/FPO

Prognosis of CKD by GFR and albuminuria categories: KDIGO 2012

				Persistent albuminuria categories, description and range		
				A1	A2	A3
				Normal to mildly increased	Moderately increased	Severely increased
				<30 mg/g <3 mg/mmol	30–300 mg/g 3–30 mg/mmol	>300 mg/g >30 mg/mmol
GFR categories (ml/min/1.73 m <sup>2</sup> ), description and range	G1	Normal or high	≥90			
	G2	Mildly decreased	60–89			
	G3a	Mildly to moderately decreased	45–59			
	G3b	Moderately to severely decreased	30–44			
	G4	Severely decreased	15–29			
	G5	Kidney failure	<15			

green, low risk (if no other markers of kidney disease, no CKD); yellow, moderately increased risk; orange, high risk; red, very high risk.

## KDIGO Definition and Classification of AKD

AKD – acute kidney disease – AKI, or GFR less than 60/mL/1.73m<sup>2</sup>, or markers of kidney damage for 3 months or less, or decrease in GFR by 35% or greater or increase in SCr by 50% or greater for 3 months or less (KDIGO)

AKI – acute kidney injury – subcategory of AKD; oliguria for more than 6 hours, rise in SCr level by more than 0.3 mg/dL or by more than 50% in 1 week (KDIGO)

Stage	Serum creatinine	Urine output
AKI stage 1	1.5-1.9 times baseline OR 0.3 mg/dL or higher increase	< 0.5 mL/kg/h for 6-12 hours
AKI stage 2	2.0-2.9 times baseline	< 0.5 mL/kg/h for 12 hours or longer
AKI stage 3	3.0 times baseline OR 4.0 mg/dL or higher	Anuria for 12 hours or longer
AKI stage 3D	AKI treated by dialysis	

### ***KDIGO Nomenclature Changes - The Basics – Tip Sheet***

USE THIS	AVOID THE USE OF THIS
<b>KIDNEY FUNCTION AND DISEASE</b>	
Kidney	renal, nephro...
Kidney function	renal function
RKF - residual kidney function	RRF – residual renal function
<b>KIDNEY FAILURE</b>	
KF – kidney failure (as defined in the KDIGO CKD guideline – GFR < 15mL/min/1.73m <sup>2</sup> )	RF – renal failure End stage ESKD – end stage kidney disease ESKF – end stage kidney failure ESRD – end stage renal disease ESRF – end stage renal failure
KRT – kidney replacement therapy	RRT – renal replacement therapy
KFRT – kidney failure with replacement therapy - CKD G5 treated by dialysis or CKD G1-G5 after transplantation	ESKD, ESKF, ESRD, ESRF
CKD without KRT – CKD G1-G5, A1-A3 of any cause, not receiving dialysis or transplantation	ESKD, ESKF, ESRD, ESRF
Dialysis – long-term or maintenance dialysis (dialysis for CKD) vs. short-term dialysis (dialysis for AKD).	chronic dialysis, acute dialysis The terms ‘chronic’ and ‘acute’ refer to the duration of kidney disease rather than the duration of the dialysis treatment
KT – Kidney transplant CKD G1T-G5T – CKD G1-G5 after transplantation	RT – renal transplant
LDKT - living donor kidney transplant/ transplantation	
DDKT - deceased donor kidney transplant/ transplantation	
<b>ACUTE KIDNEY DISEASES AND DISORDERS AND ACUTE KIDNEY INJURY</b>	
AKD – acute kidney disease AKI, or GFR less than 60/mL/1.73m <sup>2</sup> , or markers of kidney damage for 3 months or less, or decrease in GFR by 35% or greater or increase in SCr by 50% or greater for 3 months or less (KDIGO)	ARD – acute renal disease
AKI – acute kidney insufficiency (a subcategory of AKD). Use the KDIGO definition and classification for AKI - oliguria for more than 6 hours, rise in SCr level by more than 0.3 mg/dL or by more than 50% in 1 week	ARF – acute renal failure ARI – acute renal insufficiency
AKI classification – KDIGO classification by cause and stage preferred rather than stage alone.	RIFLE classification AKIN classification
AKI stages – AKI stage 1, AKI stage 2, AKI stage 3	
AKI stage 3D – acute kidney injury stage 3D treated by dialysis	AKI-D, dialysis-dependent AKI
<b>CHRONIC KIDNEY DISEASE</b>	
CKD – chronic kidney disease KDIGO definition and classification of CKD - GFR	CRD – chronic renal disease ESKD, ESKF, ESRD, ESRF

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USE THIS	AVOID THE USE OF THIS
less than 60 mL/min/1.73 <sup>2</sup> or markers of kidney damage for more than 3 months	Renal impairment, renal insufficiency
CKD classification by cause, KDIGO CGA classification by cause, GFR category (G1-G5), and albuminuria category (A1-A3).	CKD stage 1-5 Mild, moderate, severe, early, advanced
CKD without KRT – CKD G1-G5, A1-A3 of any cause, not receiving dialysis or transplantation	ND-CKD (non-dialysis CKD), NDD-CKD (non-dialysis-dependent CKD), pre-dialysis CKD, pre-ESRD CKD
CKD risk categories (see color codes in CKD nomenclature figure) – low (green), moderate (yellow), high (orange), and very high (red)	
<b>KIDNEY MEASURES</b>	
GFR – glomerular filtration rate Units must be specified (mL/min/1.73 <sup>2</sup> )	
mGFR – measured glomerular filtration rate	
eGFR – estimated glomerular filtration rate	
eGFR <sub>cr</sub> – estimated glomerular filtration rate using creatinine	
eGFR <sub>cys</sub> – estimated glomerular filtration rate using cystatin C	
eGFR <sub>cr-cys</sub> – estimated glomerular filtration rate using creatinine and cystatin C	
Cl – clearance. *Caution: Make sure it is clear that Cl does not mean chloride (Cl <sup>-</sup> ) when used for clearance.	
mCL – measured clearance	
mCL <sub>UN</sub> – measured clearance using urea nitrogen	
mCL <sub>cr</sub> – measured clearance using creatinine	
mCL <sub>UN-cr</sub> – measured clearance using urea nitrogen and creatinine	
mGFR – measured glomerular filtration rate	
eCL – estimated clearance	
eCL <sub>cr</sub> – estimated clearance using creatinine	
GFR categories  G1 – Normal to increased GFR; GFR at or above 90 mL/min/1.73m <sup>2</sup> G2 – Mildly reduced GFR; GFR 60-89 mL/min/1.73m <sup>2</sup> G3a – Moderately reduced GFR; GFR 45-59 mL/min/1.73m <sup>2</sup> G3b – Moderately reduced GFR; GFR 30-44 mL/min/1.73m <sup>2</sup> G4 – Severely reduced GFR; GFR 15-29 mL/min/1.73m <sup>2</sup> G5 – Kidney failure; GFR less than 15 mL/min/1.73m <sup>2</sup> or treated by dialysis	
Hyperfiltration	Renal hyperfiltration
GFR reserve	Renal function reserve
Albuminuria	Microalbuminuria, macroalbuminuria

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USE THIS	AVOID THE USE OF THIS
<p>ACR – urinary albumin excretion rate            AER – urinary albumin- creatinine ratio            Proteinuria</p> <p>Urinary PER - urinary protein excretion rate            Urinary PCR – urinary protein-creatinine ratio.            Caution: Make sure it is clear that PCR does not mean polymerase chain reaction which is also sometimes abbreviated as PCR.</p>	
<p>Albuminuria and proteinuria categories</p> <p>Normal – AER less than 10 mg/d; ACR less than 10 mg/g (less than 1mg/mmol)            Mild – AER 10-29 mg/d; ACR 10-29 mg/g (1.0-2.9/mmol)</p> <p>A1 – Normal to mildly increased (normal to mild) albuminuria or proteinuria; AER less than 30 mg/d; ACR less than 30 mg/g (less than 3 mg/mmol); PER less than 150 mg/d; PCR less than 150 mg/g (less than 15 mg/mmol)</p> <p>A2 – Moderately increased (moderate) albuminuria or proteinuria; AER 30-300 mg/d; ACR 30-300 mg/g (less than 1 mg/mmol); PER less than 150 mg/d; PCR less than 150 mg/g (less than 15 mg/mmol)</p> <p>A3 – Severely increased (severe) albuminuria or proteinuria; AER greater than 300 mg/d; ACR greater than 300 mg/g (more than 30 mg/mmol); PER greater than 500 mg/d; PCR greater than 500 mg/g (greater than 50 mg/mmol)</p>	<p>Normoalbuminuria            Microalbuminuria</p>
<p>Tubular function</p> <p>TR – tubular reabsorption            TS – tubular secretion            FE<sub>Na</sub> – fractional excretion of sodium            FR<sub>Na</sub> – fractional reabsorption of sodium</p>	