

1 GENERAL GOVERNMENT CABINET

2 Board of Nursing

3 (Amendment)

4 201 KAR 20:472. Initial approval for dialysis technician training programs.

5 RELATES TO: KRS 314.035, 314.131(1), 314.137

6 STATUTORY AUTHORITY: KRS 314.131(1), 314.137

7 CERTIFICATION STATEMENT: This certifies that this administrative regulation complies with
8 the requirements of 2025 RS HB 6, Section 8(2)(a).

9 NECESSITY, FUNCTION, AND CONFORMITY: KRS 314.137 requires the board to promulgate
10 administrative regulations to regulate dialysis technicians and includes establishing required
11 standards for training programs. This administrative regulation establishes the requirements for
12 dialysis technician training programs.

13 Section 1. (1) A training program that prepares an individual to become a credentialed
14 dialysis technician shall be approved by the board of nursing.

15 (2)(a) A dialysis technician training program that seeks to be approved by the board shall file an
16 Application for Dialysis Technician Training Program and pay a fee of \$2,000; and

17 (b) The dialysis technician training program shall include with its application a[-:

18 ~~1. A~~] copy of the approval of certification for the dialysis technician training program's governing
19 organization to operate a renal dialysis center from the Centers for Medicare and Medicaid

1 Services (CMS)]~~;~~ and 2. ~~The most recent site visit or survey report, and if applicable, a statement~~
2 ~~of deficiencies, and a plan of correction].~~

3 Section 2. (1) A training program that prepares an individual to become a dialysis technician
4 which is located in this state shall meet the standards established by this administrative
5 regulation.

6 (2) A training program that is located out of state shall not be subject to the approval process
7 specified in this administrative regulation. However, an applicant who has completed an out of
8 state training program may apply for a dialysis technician credential pursuant to 201 KAR
9 20:476, Section 1(2).

10 Section 3. Renal Dialysis Organization. (1)(a) An organization which is licensed to operate a
11 renal dialysis center pursuant to 902 KAR 20:018 shall assume full legal responsibility for the
12 overall conduct of the dialysis technician training program.

13 (b) The organization shall appoint a program administrator who shall be administratively
14 responsible for the oversight of the dialysis technician training program on a twelve (12) month
15 basis.

16 (c) The organization shall submit to the board in writing the name of the registered nurse
17 who has been designated to assume the administrative duties for the program, the date the
18 person will assume the duties of program administrator, and a copy of his or her curriculum
19 vitae.

20 (d) The board shall be notified in writing of a change, vacancy, or pending vacancy, in the
21 position of the program administrator within thirty (30) days of the dialysis technician training
22 program's awareness of the change, vacancy, or pending vacancy.

1 (2) The organization shall develop and implement a plan of organization and administration
2 that clearly establishes the lines of authority, accountability, and responsibility for each dialysis
3 technician training program location.

4 (3) A system of official records and reports essential to the operation of the dialysis
5 technician training program shall be maintained according to institutional policy. Provisions shall
6 be made for the security and protection of records against loss and unauthorized distribution or
7 use. The system of records shall include:

8 (a) A policy that all records shall be maintained for at least five (5) years;

9 (b) Provider name, dates of program offerings, and sites of the training program;

10 (c) Admission materials, grades received, and clinical performance records;

11 (d) Trainee roster that includes name, date of birth, social security number, and program
12 completion date;

13 (e) Faculty records including:

14 1. Validation of current licensures or credentials; and

15 2. Performance evaluation for faculty employed more than one (1) year.

16 (f) Systematic plan of evaluation;

17 (g) Graduates of the dialysis technician training program; and

18 (h) Administrative records and reports from accrediting agencies.

19 Section 4. Program Administrator and Assistant Program Administrator. (1) The program
20 administrator shall have the following qualifications:

21 (a) 1. A minimum of a master's degree from an accredited college or university;

1 2. A program administrator who currently does not hold a master's degree from an
2 accredited college or university shall obtain the degree within five (5) years of the effective date
3 of this administrative regulation. The program administrator shall provide documentation that
4 shows active and steady progression towards the degree; and

5 3. The board may waive the master's degree requirements in this paragraph upon a showing
6 that the proposed program administrator is otherwise qualified, such as possessing a minimum
7 of eight (8) years of experience in dialysis patient care and administration;

8 (b) A minimum of the equivalent of one (1) year of full time teaching experience;

9 (c) At least two (2) years of experience in the care of a patient with end stage renal disease or
10 who receives dialysis care;

11 (d) Demonstrated experience or preparation in education that includes teaching adults, adult
12 learning theory teaching methods, curriculum development, and curriculum evaluation. A
13 program administrator without previous program administrator experience shall have a mentor
14 assigned by the renal dialysis center and an educational development plan implemented. The
15 assigned mentor shall have documented experience in program administration;

16 (e) An active and unencumbered Kentucky registered nurse license, temporary work permit,
17 or multistate privilege; and

18 (f) Current knowledge of requirements pertaining to the dialysis technician training program
19 and credential as established in 201 KAR 20:472, 474, 476, and 478.

20 (2) A dialysis technician training program may have an assistant program administrator at
21 each location. An assistant program administrator shall have the following qualifications:

22 (a) 1. A minimum of a baccalaureate degree in nursing;

1 2. An assistant program administrator who currently does not hold a baccalaureate degree in
2 nursing from an accredited college or university shall obtain the degree within five (5) years of
3 the effective date of this administrative regulation. The assistant program administrator shall
4 provide documentation that shows active and steady progression towards the degree; and

5 3. The board may waive the baccalaureate degree requirements in this paragraph upon a
6 showing that the proposed assistant program administrator is otherwise qualified, such as
7 possessing a minimum of five (5) years of experience in dialysis patient care and administration;

8 b) A minimum of the equivalent of one (1) year of full time teaching experience;

9 (c) At least two (2) years of experience in the care of a patient with end stage renal disease or
10 who receives dialysis care;

11 (d) Demonstrated experience or preparation in education that includes teaching adults, adult
12 learning theory teaching methods, curriculum development, and curriculum evaluation. A
13 program administrator without previous program administrator experience shall have a mentor
14 assigned by the renal dialysis center and an educational development plan implemented. The
15 assigned mentor shall have documented experience in program administration;

16 (e) An active and unencumbered Kentucky registered nurse license, temporary work permit,
17 or multistate privilege; and

18 (f) Current knowledge of requirements pertaining to the dialysis technician training program
19 and credential as established in 201 KAR 20:472, 474, 476, and 478.

20 Section 5. Faculty. (1) The faculty shall be adequate in number to implement the curriculum
21 as determined by program outcomes, course objectives, the level of the student, and the
22 educational technology utilized.

1 (2) The faculty shall be approved by the program administrator and shall include didactic and
2 clinical faculty.

3 (3) The name, title, and credential identifying the education and professional qualifications of
4 each didactic and clinical faculty shall be provided to the board within thirty (30) days of hire.
5 With each change in faculty, whether a new hire or a termination or retirement, an updated list
6 of current faculty shall be provided to the board.

7 (4) Didactic faculty.

8 (a) Didactic faculty shall consist of multidisciplinary members with expertise in the subject
9 matter.

10 (b) Didactic faculty shall possess:

- 11 1. A minimum of a baccalaureate degree from an accredited college or university; or
- 12 2. An associate degree from an accredited school of nursing.

13 (c) Nursing didactic faculty shall possess:

- 14 1. a. A current state license as a registered nurse; or
- 15 b. A privilege to practice in the state; and
- 16 2. A minimum of one (1) year of experience with dialysis patient care.

17 (d) Didactic faculty shall document a minimum of two (2) years full time or equivalent
18 experience in their profession or discipline.

19 (e) Didactic faculty shall document preparation in educational activities in the area of
20 teaching and learning principles for adult education, including curriculum development and
21 implementation. The preparation shall be acquired through planned faculty in-service learning
22 activities, continuing education offerings, or academic courses.

1 (f) Didactic faculty hired without prior teaching experience shall have a mentor assigned and
2 an educational development plan implemented.

3 (5) Clinical faculty and preceptors.

4 (a) Clinical faculty or a preceptor shall hold a current, unencumbered Kentucky nursing
5 license, temporary work permit, or multistate privilege or a current, unencumbered Kentucky
6 dialysis technician credential.

7 (b) Clinical faculty or a preceptor shall have evidence of clinical competencies in end stage
8 renal disease and dialysis care.

9 (c) A preceptor who is a dialysis technician shall hold certification by one (1) of the following
10 dialysis technician certification organizations:

11 1. The Board of Nephrology Examiners Nursing Technology (BONENT); or

12 2. The Nephrology Nursing Certification Commission (NNCC) .

13 (6) There shall be documentation that the clinical faculty have been oriented to the course,
14 program outcomes, student learning objectives, evaluation methods used by the faculty, and
15 documented role expectations.

16 Section 6. Standards for Training. (1) Philosophy, mission, and outcomes.

17 (a) The philosophy, mission, and outcomes of the training program shall be clearly defined in
18 writing by the faculty and shall be consistent with those of the Renal Dialysis Center.

19 (b) The program outcomes shall be consistent with those required by the Centers for
20 Medicare and Medicaid Services and the dialysis technician certification organizations listed in
21 Section 5(5)(c) of this administrative regulation.

1 (c) The program shall conduct an evaluation to validate that identified program outcomes
2 have been achieved and provide evidence of improvement based on an analysis of those
3 results.

4 (d) The training program shall include a minimum of 200 hours of didactic course work and
5 200 hours of direct patient contact. The didactic course work and direct patient contact shall be
6 at least ten (10) weeks. The training program shall maintain a log of clinical hours for each
7 student. It may also include an internship of at least 160 hours. The internship shall begin after
8 two (2) unsuccessful attempts to pass the final examination. The internship shall be completed
9 prior to a third final examination attempt. The internship shall be under the supervision of a
10 registered nurse and shall include a preceptor.

11 (2) The curricula of the program shall minimally include the following topics:

12 (a) The legal and ethical aspects of practice including:

13 1. The history of dialysis;

14 2. The state and federal regulations governing dialysis including 201 KAR 20:478, 902 KAR
15 20:018, 907 KAR 1:400, and 42 C.F.R. 494.140;

16 3. The resources available for pursuing personal and career development;

17 4. The principles and legal aspects of documentation, communication, and patient rights;

18 5. The roles of the dialysis technician and other multidisciplinary team members;

19 6. The principles related to patient safety; and

20 7. The role of the board of nursing.

21 (b) Anatomy and physiology applicable to renal function including:

22 1. Renal anatomy;

- 1 2. Organs of the urinary system and components of the nephron; and
- 2 3. Functions of the normal kidney.
- 3 (c) Diseases of the kidney including:
- 4 1. Causes and complications of acute renal failure; and
- 5 2. Causes and complications of chronic renal failure.
- 6 (d) The psychosocial and physical needs of the end stage renal disease (ESRD) patient and
- 7 family including:
- 8 1. The impact on family and social systems;
- 9 2. Coping mechanisms utilized;
- 10 3. Rehabilitative needs;
- 11 4. Community resources available;
- 12 5. All aspects of renal diet and fluid restrictions; and
- 13 6. Educational needs of patients receiving dialysis including the role of the technician and
- 14 resources available.
- 15 (e) The principles of pharmacology as related to ESRD including:
- 16 1. Commonly used medications and their side effects;
- 17 2. The principles of medication administration;
- 18 3. The indications, dosage, action, and adverse effects of heparin, local anesthetics, and
- 19 normal saline; and
- 20 4. The accurate administration of heparin, local anesthetics, and normal saline.
- 21 (f) Aseptic techniques and established infection control practices including:
- 22 1. Dialysis precautions as issued by the United States Centers for Disease Control; and

- 1 2. Proper hand washing technique.
- 2 (g) Principles of dialysis and dialysis treatment including:
- 3 1. Definitions and terminology;
- 4 2. Principles of osmosis, diffusion, ultrafiltration, and fluid dynamic;
- 5 3. The structure and function of various types of circulatory access sites and devices;
- 6 4. The indications, advantages, disadvantages, and complications of internal arteriovenous
- 7 (A/V) fistulas and A/V grafts, and central venous access devices;
- 8 5. The various types of dialyzers;
- 9 6. The benefits, risks, and precautions associated with dialyzer reuse;
- 10 7. The purpose and concept of water treatment;
- 11 8. Knowledge and ability to manage and operate dialysis equipment;
- 12 9. Knowledge and ability to appropriately monitor and collect data throughout the course of
- 13 treatment;
- 14 10. The etiology, signs and symptoms, prevention, intervention and treatment, and options
- 15 for the most common complications;
- 16 11. The knowledge and ability to safely initiate and discontinue treatment; and
- 17 12. Routine laboratory tests, values, and collection techniques.
- 18 (h) Other treatment modalities for ESRD including:
- 19 1. Renal transplantation; and
- 20 2. Home dialysis options.
- 21 (3) Implementation of the curriculum.

1 (a) There shall be a written plan, including supporting rationale, which describes the
2 organization and development of the curriculum.

3 (b) The curriculum plan shall reflect the philosophy, mission, and outcomes of the program
4 and shall prepare the student to meet the qualifications for certification as established by the
5 dialysis technician certification organizations listed in Section 5(5)(c) of this administrative
6 regulation.

7 (c) The dialysis technician training program shall have written measurable program outcomes
8 that reflect the role of the dialysis technician graduate upon completion of the program.

9 (d) The dialysis technician training program shall be logical and sequential, and shall
10 demonstrate an increase in difficulty and complexity as the student progresses through the
11 program.

12 (e) A course syllabus shall be developed to include outcomes, planned instruction, learning
13 activities, and method of evaluation.

14 (f) The teaching methods and activities of both instructor and learner shall be specified. The
15 activities shall be congruent with stated objectives, and content shall reflect adult learning
16 principles.

17 (g) A copy of the course syllabus shall be on file in the dialysis technician training program
18 office and shall be available to the board upon request.

19 (h) Any proposed substantive changes to the dialysis technician training program syllabus
20 shall be submitted to the board in writing at least two (2) months prior to implementation and
21 shall not be implemented without approval from the board. A substantive change is any change

1 in the philosophy, mission, or outcomes that results in a reorganization or reconceptualization
2 of the entire curriculum.

3 (i) Training may be offered through distance learning technologies. Training offered through
4 the use of distance learning technologies shall be comparable to the training offered in a
5 campus based program.

6 (4) The curriculum shall require that the student hold a current Basic Life Support (BLS)
7 certificate.

8 Section 7. Students in Dialysis Technician Training Programs. (1) Preadmission requirements
9 shall be stated in all publications utilized by the dialysis technician training program including
10 recruitment materials.

11 (a) Program information communicated by the program shall be accurate, complete,
12 consistent, and publicly available.

13 (b) Participation shall be made available for students in the development, implementation,
14 and evaluation of the program.

15 (2) Written dialysis technician training program student policies shall be accurate, clear, and
16 consistently applied.

17 (3) Upon admission to the training program, each student shall be advised in electronic or
18 written format of policies pertaining to:

19 (a) Prerequisites for admission, readmission, or dismissal;

20 (b) Evaluation methods that include the grading system;

21 (c) Any fees or expenses associated with the training program and refund policies;

22 (d) Health requirements and other standards as required by the renal dialysis center;

- 1 (e) Student responsibilities;
- 2 (f) A plan for emergency care while in the clinical setting; and
- 3 (g) Program completion requirements.

4 (4) A student enrolled in a training program is exempt from the credentialing requirement
5 while enrolled. The student shall use the title dialysis technician (DT) trainee.

6 Section 8. Program Completion Requirements. (1) Requirements for successful completion of
7 the dialysis technician training program shall be clearly specified.

8 (2) The requirements shall provide evidence of clinical competency through the use of
9 evaluation methods and tools that measure the progression of the student's cognitive, affective,
10 and psychomotor achievement of clinical outcomes based on published rubrics and sound
11 rationale.

12 (3) Students shall have sufficient opportunities in simulated or clinical settings to develop
13 psychomotor skills essential for safe, effective practice.

14 (4) A final examination shall be administered only during the final forty (40) hours of the first
15 400 hours of the training program.

16 (a) The final examination shall be mapped to program outcomes and blueprinted to the
17 examination content of one (1) of the dialysis technician certification organizations as listed in
18 Section 5(5)(c) of this administrative regulation.

19 (b) Following successful completion of the final examination, the student may begin the
20 internship.

21 (5) The individual who successfully completes the training program, including the internship,
22 shall receive a certificate of completion that documents the following:

- 1 (a) Name of individual;
- 2 (b) Title of training program, date of completion, and location;
- 3 (c) Provider's name;
- 4 (d) The program code number issued by the board; and
- 5 (e) Name and signature of the program administrator or the assistant program administrator.
- 6 (6) The program shall submit the List of Dialysis Technician Training Program Graduates
- 7 within three (3) working days of the program completion date.

8 Section 9. Incorporation by Reference. (1) The following material is incorporated by
9 reference:

- 10 (a) "Application for Dialysis Technician Training Program", 4/2021; and
- 11 (b) "List of Dialysis Technician Training Program Graduates", 4/2021.
- 12 (2) This material may be inspected, copied, or obtained, subject to applicable copyright law,
- 13 at the Kentucky Board of Nursing, 312 Whittington Parkway, Suite 300, Louisville, Kentucky
- 14 40222-5172, Monday through Friday, 8 a.m. to 4:30 p.m. This material is also available on the
- 15 board's Web site at <https://kbn.ky.gov/document-library/Pages/default.aspx>.

Amended Administrative Regulation

201 KAR 20:472. Initial approval for dialysis technician training programs.

Adopted: February 26, 2026

Audria Denker, DNP, RN, FAAN

Audria Denker, President
Kentucky Board of Nursing

February 26, 2026

Date

PUBLIC HEARING AND PUBLIC COMMENT PERIOD

A public hearing on this administrative regulation shall be held on May 26, 2026, at 10:00 AM at Kentucky Board of Nursing, 312 Whittington Parkway, Ste 300, Louisville, KY 40222. Individuals interested in being heard at this hearing shall notify this agency in writing by May 19, 2026, five workdays prior to the hearing, of their intent to attend. If no notification of intent to attend the hearing was received by that date, the hearing may be cancelled. A transcript of the public hearing will not be made unless a written request for a transcript is made. If you do not wish to be heard at the public hearing, you may submit written comments on the proposed administrative regulation. Written comments shall be accepted through May 31, 2026. Send written notification of intent to be heard at the public hearing or written comments on the proposed administrative regulation to the contact person or submit a comment at: <https://secure.kentucky.gov/formservices/Nursing/PendReg>.

CONTACT PERSON:

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REGULATORY IMPACT ANALYSIS AND TIERING STATEMENT

201 KAR 20:472

Contact Person: Jeffrey Prather

Phone: (502) 338-2851

Email: Jeffrey.prather@ky.gov

Subject Headings: Nursing, Health and Medical Services, Education: Vocational and Technical, Licensing

(1) Provide a brief summary of:

(a) What this administrative regulation does: This administrative regulation establishes the initial approval requirements for dialysis technician (DT) training programs.

(b) The necessity of this administrative regulation: This regulation is necessary pursuant to KRS 314.137(2).

(c) How this administrative regulation conforms to the content of the authorizing statutes: This regulation conforms to the content of KRS 314.137(2) by establishing standards to review the initial approval of DT training programs.

(d) How this administrative regulation currently assists or will assist in the effective administration of the statutes: This regulation will assist in the effective administration of KRS 314.021 and KRS 314.137(2), by establishing standards for DT training programs.

(2) If this is an amendment to an existing administrative regulation, provide a brief summary of:

(a) How the amendment will change this existing administrative regulation: The amendment provides that an initial DT training program seeking board approval need only to provide a copy of the approval of certification from the program's governing organization to operate a renal dialysis center, and it removes the requirement for the most recent site visit or survey report.

(b) The necessity of the amendment to this administrative regulation: To streamline the DT training program approval process.

(c) How this administrative regulation conforms to the content of the authorizing statutes: This regulation conforms to the content of KRS 314.137(2) by establishing standards for approving initial DT training programs.

(d) How this administrative regulation currently assists or will assist in the effective administration of the statutes: This regulation will assist in the effective administration of KRS 314.021 and 314.137(2), by establishing standards for the initial approval of DT training programs.

(3) Does this administrative regulation or amendment implement legislation from the previous five years? No, it does not implement legislation from the last five years.

(4) List the type and number of individuals, businesses, organizations, or state and local governments affected by this administrative regulation: There are approximately 700 dialysis technicians with a current and active Kentucky DT credential, and there are currently six DT training programs located and licensed in Kentucky.

(5) Provide an analysis of how the entities identified in question (3) will be impacted by either the implementation of this administrative regulation, if new, or by the change, if it is an amendment, including:

(a) List the actions that each of the regulated entities identified in question (3) will have to take to comply with this administrative regulation or amendment: No new actions are required.

(b) In complying with this administrative regulation or amendment, how much will it cost each of the entities identified in question (3): No additional cost.

(c) As a result of compliance, what benefits will accrue to the entities identified in question (3): The DT program approval process will be simplified.

(6) Provide an estimate of how much it will cost the administrative body to implement this administrative regulation:

(a) Initially: None.

(b) On a continuing basis: None.

(7) What is the source of the funding to be used for the implementation and enforcement of this administrative regulation: Agency funds.

(8) Provide an assessment of whether an increase in fees or funding will be necessary to implement this administrative regulation, if new, or by the change if it is an amendment: It does not.

(9) State whether or not this administrative regulation established any fees or directly or indirectly increased any fees: This regulation does not directly or indirectly increase fees.

(10) TIERING: Is tiering applied? Tiering is not applicable.

FISCAL IMPACT STATEMENT

201 KAR 20:472

Contact Person: Jeffrey R. Prather

Phone: (502) 338-2851

Email: Jeffrey.prather@ky.gov

(1) Identify each state statute, federal statute, or federal regulation that requires or authorizes the action taken by the administrative regulation: The Kentucky Board of Nursing.

(2) State whether this administrative regulation is expressly authorized by an act of the General Assembly, and if so, identify the act: This regulation is authorized by KRS 314.131 and 314.137(2).

(3)(a) Identify the promulgating agency and any other affected state units, parts, or divisions:

(b) Estimate the following for each affected state unit, part, or division identified in (3)(a):

1. Expenditures:

For the first year: None.

For subsequent years: None.

2. Revenues:

For the first year: None.

For subsequent years: None.

3. Cost Savings:

For the first year: None.

For subsequent years: None.

(4)(a) Identify affected local entities (for example: cities, counties, fire departments, school districts): None.

(b) Estimate the following for each affected local entity identified in (4)(a):

1. Expenditures:

For the first year: None.

For subsequent years: None.

2. Revenues:

For the first year: None.

For subsequent years: None.

3. Cost Savings:

For the first year: None.

For subsequent years: None.

(5)(a) Identify any affected regulated entities not listed in (3)(a) or (4)(a): Dialysis Technicians.

(b) Estimate the following for each regulated entity identified in (5)(a):

1. Expenditures:

For the first year: None.

For subsequent years: None.

2. Revenues:

For the first year: None.

For subsequent years: None.

3. Cost Savings:

For the first year: None.

For subsequent years: None.

(6) Provide a narrative to explain the following for each entity identified in (3)(a), (4)(a), and (5)(a):

(a) Fiscal impact of this administrative regulation: There will not be a fiscal impact on the entities.

(b) Methodology and resources used to reach this conclusion: None.

(7) Explain, as it relates to the entities identified in (3)(a), (4)(a), and (5)(a):

(a) Whether this administrative regulation will have a “major economic impact”, as defined by KRS 13A.010(13): There will not be a major economic impact.

(b) The methodology and resources used to reach this conclusion: None.