


# ATTAINING STANDARDS FOR DIALYSIS WATER QUALITY

## *THE ROAD LESS TRAVELLED*

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### PATIENTS' Rights

- Quality Care
- Information
- Individual Treatment



## National Kidney Foundation™

# Dialysis Patients' Bill of Rights and Responsibilities

- Be Considerate
- Fulfill Financial Obligations

### 11. Dietary Counseling

You have the right to:

- Receive counseling from a qualified dietitian according to federal and state law.
- Receive nutritional educational material and instruction.
- Receive care and counseling on a regular basis.

- Make a complaint to your facility management and request that they try to resolve a problem.
- Ask and be instructed on your dialysis facility's grievance process.
- File a complaint with the End-Stage Renal Disease Network in the region, and/or your state health department in an attempt to resolve a problem.

If it was my mom...



At the end of the day it comes down to patient safety

# PROVINCIAL TASK GROUP FOR DIALYSIS WATER QUALITY

## MISSION STATEMENT

To develop and help implement standards for dialysis water quality that can be attained

- throughout the province
- within any dialysis setting
- at all times
- for all patients

SO, HOW DO WE GO ABOUT THIS?

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Unfortunately, this approach will no longer work

# PROVINCIAL UPTAKE OF DIALYSIS WATER QUALITY STANDARDS



# INTRODUCING TRANSPARENCY

## THE STANDARDS

### Targets

Testing process that is feasible

✓ Who

✓ When

✓ What

Directions on how to interpret results

✓ Normal

✓ Abnormal

Appropriate interventions

✓ Urgency

✓ Follow-up

## NEEDS OF EACH HEALTH AUTHORITY

### People

✓ Biomed

✓ Technician

✓ RN

### Skills

✓ Education

✓ Retraining

### Equipment

✓ Bacterial testing

✓ Endotoxin testing

A Solid Organizational Structure

The needs of each health authority will dictate the provincial barrier removal plan



The next BC Provincial Renal Agency Meeting

# COST ISSUES

The major additional cost will be derived from endotoxin testing

Current options for endotoxin testing

- Send-out to outside lab
- On-site lab equipment
- On-site hand-held monitor

While we have some preliminary price quotes from vendors, we expect these quotes to improve if we purchase provincially rather than individually

- Once the provincial demand (ie. number of tests required) is established, provincial negotiations can ensue

It is anticipated that cost will be an issue – but not a prohibitive one

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# PROVINCIAL UPTAKE OF DIALYSIS WATER QUALITY STANDARDS



Removal of barriers / challenges

Identification of the barriers / challenges

Development of standards

## What testing capacity is currently present:

- a. Laboratory with capacity to perform required testing (bacterial CFU)
- b. Access (if any) to local testing equipment (endotoxin)

## How many tests will be necessary per year

- a. How many dialysis units, RO systems, and dialysis machines, and location (CDU, in-center)

## Feedback

- a. Comments / concerns with regards to specifics (eg. frequency, procedures) within the proposed standards
- b. Anticipated barriers to implementation of standards

Online survey will be forwarded to identified lead within each HA

Feedback to task group by lead

Collate feedback by lead

Review of standards by core group

Identify the core group and lead within each HA

Identification of the barriers / challenges



# THE ROAD AHEAD – MAJOR MILESTONES



- Collation of provincial feedback from individual health authorities
- Final approval of standards by provincial Medical Advisory Council
- Building a structural framework for the provincial barrier removal plan
- Budgetary considerations
- Exploration of potential cross-sharing of necessary resources
- Provincial negotiations with vendors
- Provincial roll-out

## DISCUSSION QUESTIONS

No personal or financial affiliations with:

- Elephants
- Monkeys
- Betty White



### PROVINCIAL TASK GROUP – DIALYSIS WATER QUALITY

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