

Developing a NB-BAL Project for the RCP - A Model of Success

Presented by

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Welcome to ISRC!

Good Afternoon!

Welcome to ISRC!

Buenas tardes!

Welcome to ISRC!

Dzień Dobry!

Welcome to ISRC!

Namaste! नमस्ते

Welcome to ISRC!



How many of you have heard
about NB-BAL??

NB-BAL?

- ◆ NB-BAL stands for **No Bank BAL**ance.
A. True B. false
- ◆ We can get the same microbial results from ETA as BAL and NB-BAL.
A. True B. False
- ◆ Both Bronch BAL and NB-BAL can be performed by Respiratory Care Practitioners.
A. True B. False
- ◆ NB-BAL & BAL are both available 24/7.
A. True B. False
- ◆ Cost for BAL and NB-BAL are almost identical.
A. True B. False

VAP

What is VAP?

Fiberoptic Bronchoscopy

Fiberoptic Bronchoscopy?

Bronch BAL

What is Bronch BAL?

NB-BAL

What is NB-BAL?

NB-BAL

Purpose of NB-BAL

ETA (Endo Tracheal Aspirate)

What about ETA?

NB-BAL versus ETA

Problem with ETA

NB-BAL Catheter

by Kimberly Clark

NB-BAL Catheter

NB-BAL Procedure

- ◆ Procedure
- ◆ How do we do it?

RCP Training & Competency for NB-BAL

Steps in NB-BAL Training

Various Steps in Training

Steps in NB-BAL Training

CPIS

Contraindications for NB-BAL

There are several!

Complications for NB-BAL

Major & Minor Complications

What we have done at NMMH?

A little History

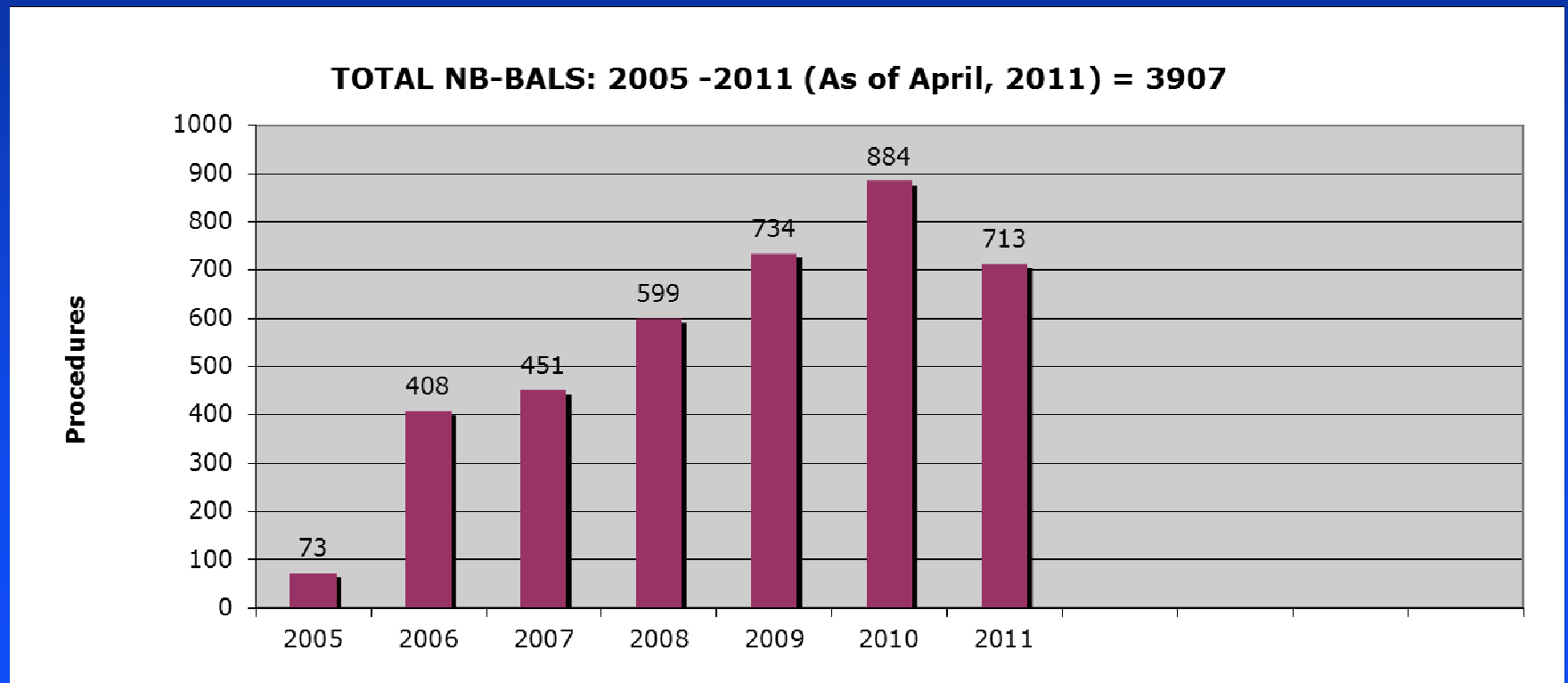
NB-BALs at NMMH

June – December, 2005: 73 NB-BALs

Last year (after 5 years): 884 procedures

History unfolding...

Last Six Years



NB-BAL: Costs & Savings

**Total cost for Patients for NB-BAL =
\$2.70 Million**

Costs & savings!

- ◆ **Total Cost for Patients if these were Bronch
BAL = \$15.70 Million**

Costs & savings

**Total Revenue for the Dept. from NB-BAL =
\$2.70 Million!**

Savings for Patients

More importantly,

Overall Savings for Patients = \$13.0 Million!

Advantages of NB-BAL

- ◆ NB- BAL is an invaluable diagnostic tool to R/O VAP or identify PNA.

Advantages of NB-BAL

- ◆ Available 24/7.
- ◆ Replacement for Bronch BAL.

Advantages of NB-BAL

- ◆ Has less complications than Bronch BAL!
- ◆ It is 6-8 times less expensive than Bronch BAL!

RESULTS from NB-BAL

- ◆ Total Bronch BAL in 2010 = 289
- ◆ Total NB-BAL in 2010 = 884
- ◆ Diagnostic Yields = 51% vs 49%

Our data on Major & Minor Complications

- ◆ Major Complications

- ◆ Minor Complications

Most Common Organisms

Staphylococcal Aureus, Pseudomonas...

Organisms unidentified by ETA specimens

Other Advantages of NB-BAL

- ◆ Amy
- ◆ Cell count differentials

VAP, HAP...

VAP; HAP and Insurance Coverage...

DMAIC

It is a **DMAIC!**

What is a DMAIC?

- ◆ **Define**
- ◆ **Measure**
- ◆ **Analyze**
- ◆ **Improve**
- ◆ **Control**

Questions?

??

Sky is the Limit!

“Happiness in work is contained in one word:
EXCELLENCE. It derives from knowing
to do things the right way”.

- Pearl S. Buck

Our Daily Promise

“Patients are your Customers; their lives and well-being are in your hands. Cherish it, and return it back to them and to their dear ones.”

Want change?

“Be the change that you want to see
in the world.”

- Mahatma Gandhi

Keep smiling!



Thank you for your Presence!

This was a Presentation by

Cherian K. Paily

On Behalf of

NORTHWESTERN MEDICINE!

Until we meet again

Shalom!

Life Continues!

THANK YOU!



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