PDA for Nurses
Learning Objectives

- Review used of PDA
- Beam software to PDA
- Access defined Internet site
- Become familiar with medical calculator software and how to navigate between the different calculator programs
- Use medical calculator to solve case studies
- Access Web site and complete 3 online case studies
- Use of email and attachment function to submit assignments
- Build self efficacy. Build on acquired skills
- Review software for PDA
- Provide continuing support
Three Parts to Instruction

Part one
Set up PDA and practice using medical calculator.
One hour in length

Part Two
Online case studies-
One hour.

Part Three
Review online case studies. Discuss software for nursing program. Address difficulties encountered using PDA. Establish continuing technical support for PDA.
One hour
Beaming PDA’s

Tips for successful beaming
Ensure that the IR port windows on both devices are free of moisture and dirt. Also, position the IR ports so that they face each other and the space between them is clear of any obstruction. Depending on ambient conditions, the optimum distance may be less or greater than 5 inches (try between 4 and 39 inches).
Case Studies
Examples

You are discharging Miss Jones her Doctor has told her she must lose weight. Miss Jones weights 230 lbs and her height is 5’6” what would her ideal body weight be

Program – Adjusted Body Weight
Enter Height in inches = 66
Weight in pounds = 230

Answer =
Ideal Body weight 61.8 kgs
Adjusted body weight 78.9
The patient is 69.2% above Ideal Body Weight

Miss Jones wants to know what 61.8 kgs is in pounds
Find Kilogram → Pound
61.8 = 135.98
BMI

Miss Jones asked what her BMI is.

Using your medical calculator you search for BMI.
Miss Jones weight is 230 lbs.
Her height is 66 inches.
Entering these numbers you find that Miss Jones BMI is 37.2.

Miss Jones asks what is normal.
Using your PDA to search the Internet you are able to answer Miss Jones question. A normal BMI is 18.5 to 24.9.
BMI Child

What calculator would you select????
Little nurse Jane is 2 years and 4 months old. She weights 32 lbs and is 36 inches tall.

What is her BMI?

Is it healthy?

How many child are in the 95% tile?
Case Study

The Doctor has ordered medication for Jane. Jane is 2 years old so the Doctor orders a po liquid medication. The order is to give 10 mg. The standard dose is 4mg/5ml. How many ml will Jane get? What calculator function would you use?
Case Study I
You are working in Labor and Delivery. Nancy has just delivered a 6’ 6” baby girl. You are responsible for determining the first APGAR Score. Baby girl’s extremities are blue, her pulse is greater than 100, she grimaces, is active and crying. What is her APGAR?
Case Study II
A young child has just been brought in by her parents. The mother states the child has been vomiting since 3 am and is not eating. On initial assessment the child's appearance is normal, her eyes appear slightly sunken, her mucous membrane (tongue) is sticky. The child is weeping with decreased tears. What calculator function might you use? Is this child dehydrated? What is her CDS?
Lightning Game
Case Studies Web Site

http://www.jantzranch.com/debbie//PDA%20503.html
Reference

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Slide 1 - PDA, nswelearnscope
Slide 2 - Hand PDA, Times upLinz
Slide 4 - Beam clip art author unknown
Slide 5 - Hand with PDA Times upLinz
Slide 6 - Girl with PDA, genericavatar
Slide 7 - Little Girl Kazza, Mizzo, Lils and Daniel
  Slide 8 - Book and PDA, mackarus
Slide 9 - Nurses, otisarchives
Slide 10 - Nurse and Kids, Foxtonque