

The Integrated National Board Dental Examination (INBDE)

Dr. David M Waldschmidt
Secretary, JCNDE and Director,
Department of Testing Services

ADEA Annual Session
Council of Students, Residents, and Fellows (COSRF)
March 19, 2017

Foundation Knowledge Areas

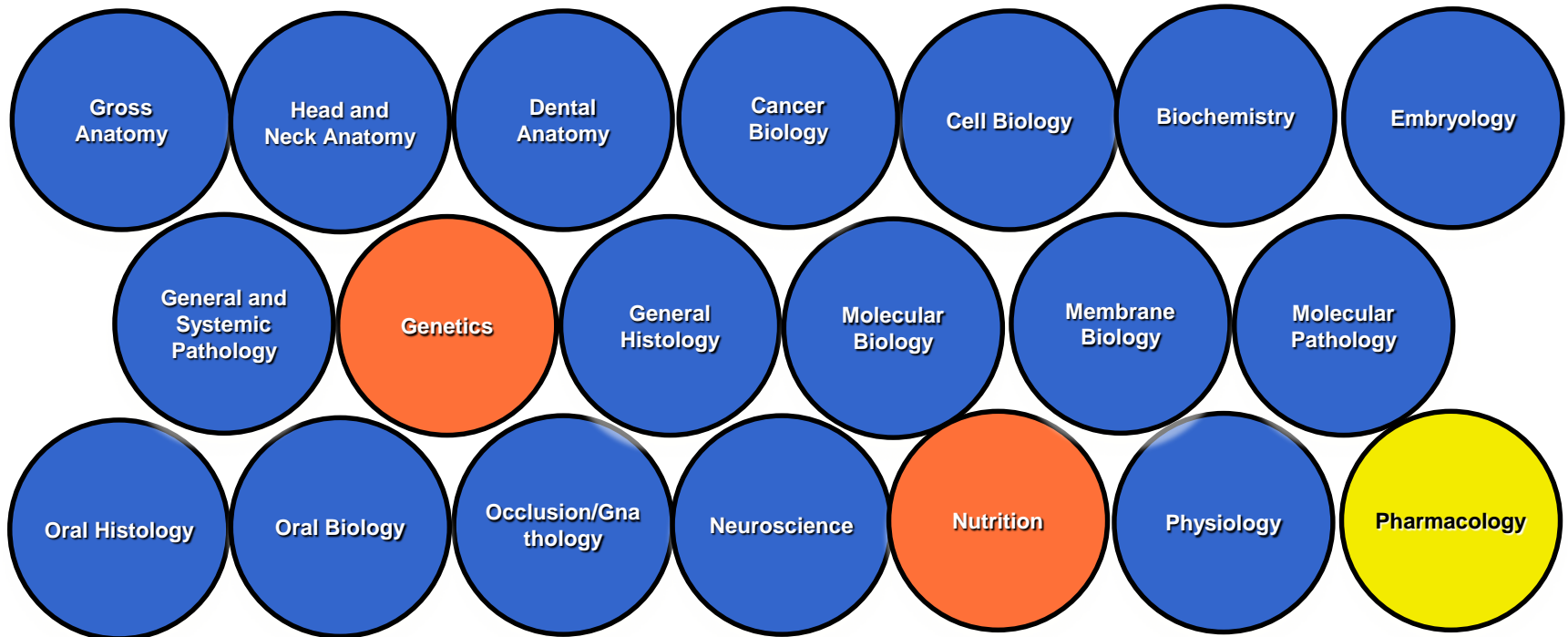
The successful entry-level general practitioner is focused on the prevention, diagnosis, and management of oral disease, and the promotion and maintenance of general health. This requires application of knowledge in the following areas:

FK1	Molecular, biochemical, cellular, and systems-level development, structure and function
FK2	Physics and chemistry to explain normal biology and pathobiology
FK3	Physics and chemistry to explain the characteristics and use of technologies and materials
FK4	Principles of genetic, congenital and developmental diseases and conditions and their clinical features to understand patient risk
FK5	Cellular and molecular bases of immune and non-immune host defense mechanisms
FK6	General and disease-specific pathology to assess patient risk
FK7	Biology of microorganisms in physiology and pathology
FK8	Pharmacology
FK9	Sociology, psychology, ethics and other behavioral sciences
FK10	Quantitative knowledge, critical thinking, and informatics tools

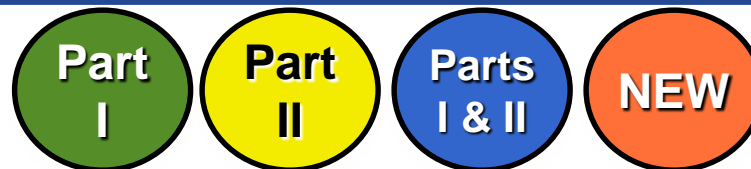
Basic and Foundation Sciences covered in part by Foundation Knowledge 1 (FK1)

FK1

Molecular, biochemical, cellular, and systems-level development, structure and function

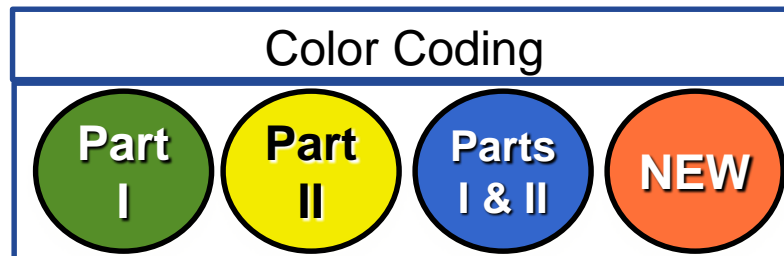
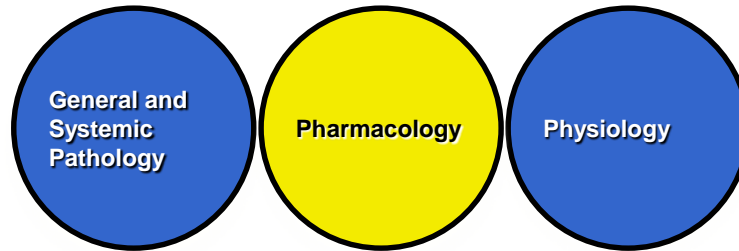


Color Coding



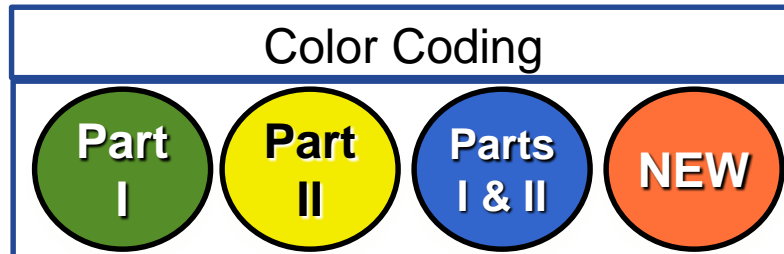
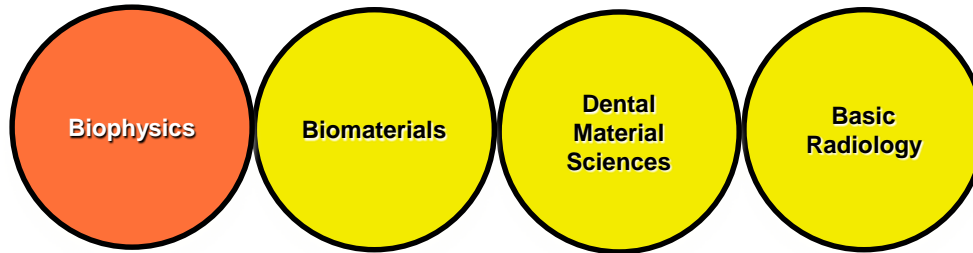
Basic and Foundation Sciences covered in part by Foundation Knowledge 2 (FK2)

FK2	Physics and chemistry to explain normal biology and pathobiology
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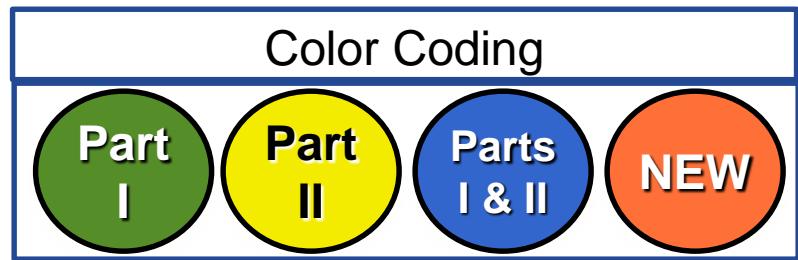
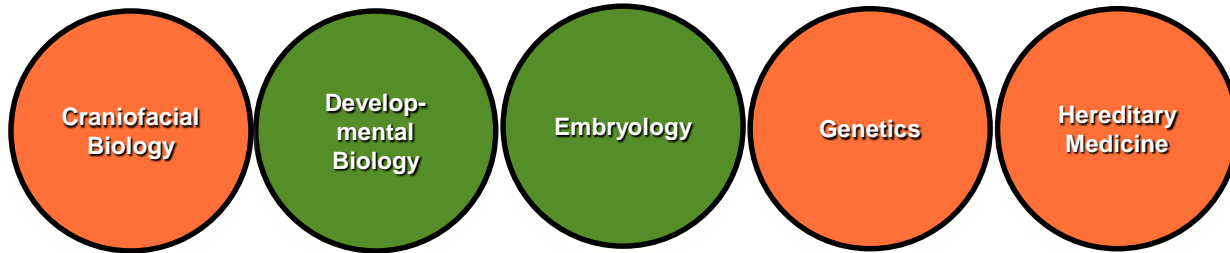
Basic and Foundation Sciences covered in part by Foundation Knowledge 3 (FK3)

FK3	Physics and chemistry to explain the characteristics and use of technologies and materials
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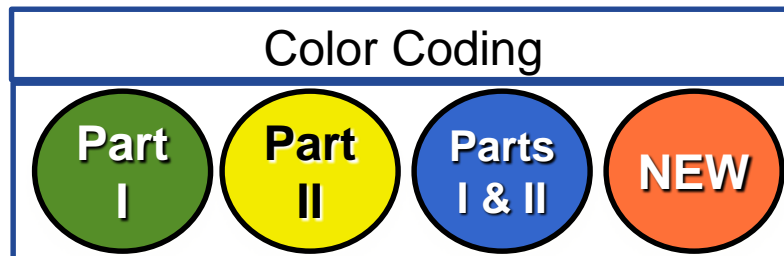
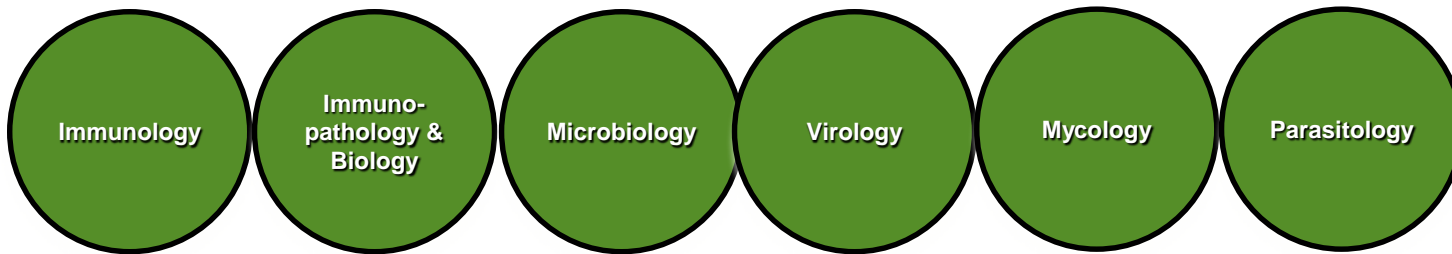
Basic and Foundation Sciences covered in part by Foundation Knowledge 4 (FK4)

FK4	Principles of genetic, congenital and developmental diseases and conditions and their clinical features to understand patient risk
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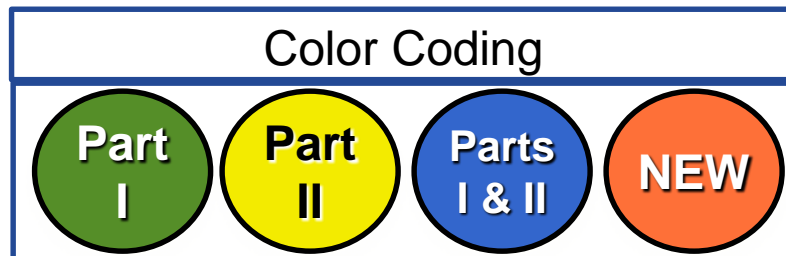
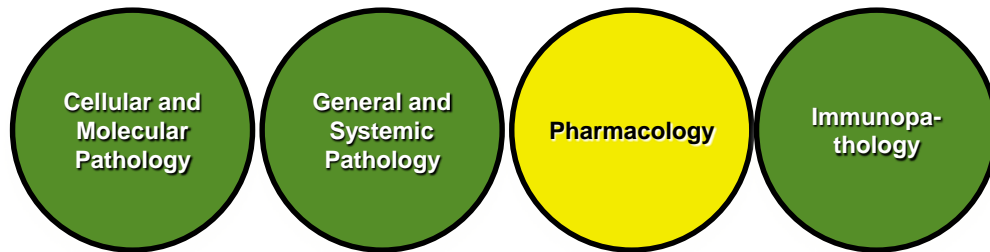
Basic and Foundation Sciences covered in part by Foundation Knowledge 5 (FK5)

FK5	Cellular and molecular bases of immune and non-immune host defense mechanisms
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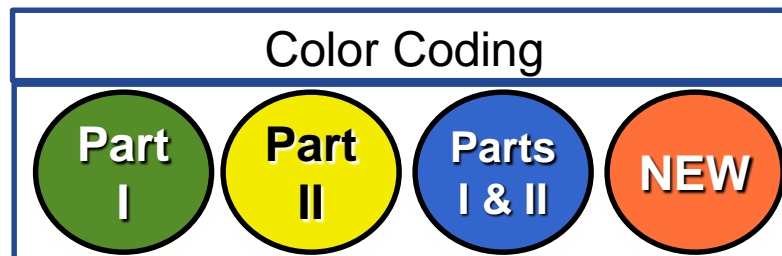
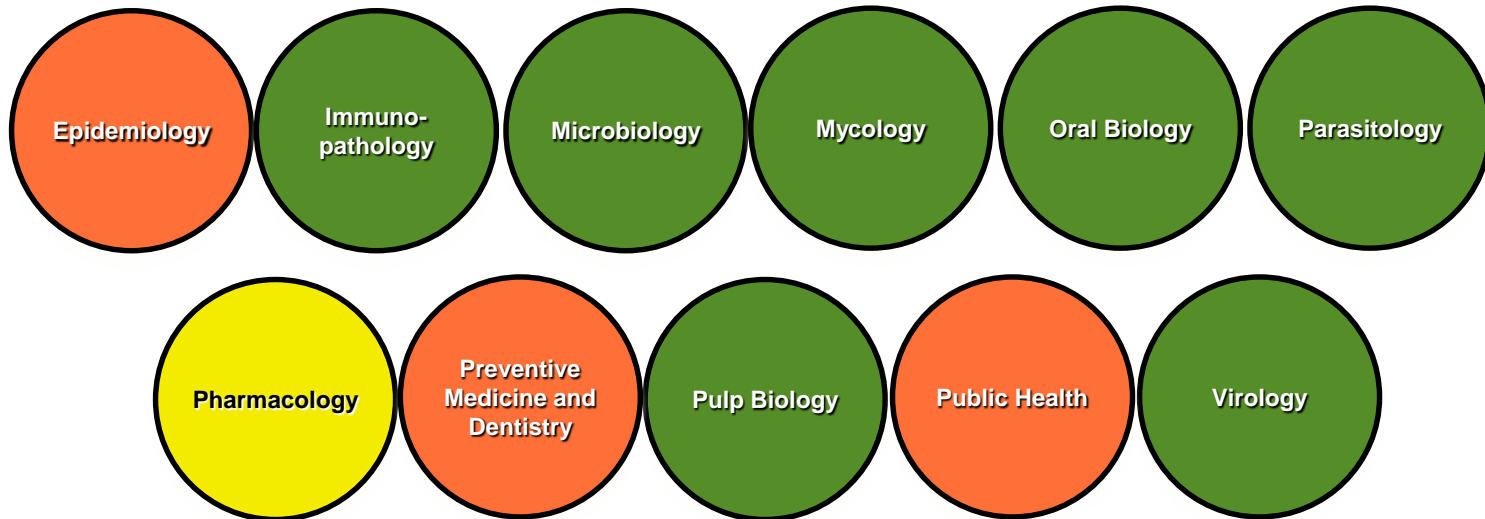
Basic and Foundation Sciences covered in part by Foundation Knowledge 6 (FK6)

FK6	General and disease-specific pathology to assess patient risk
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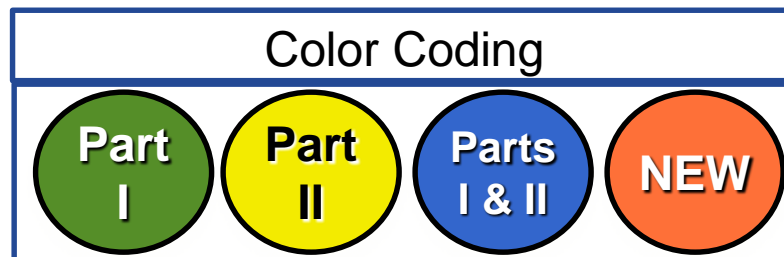
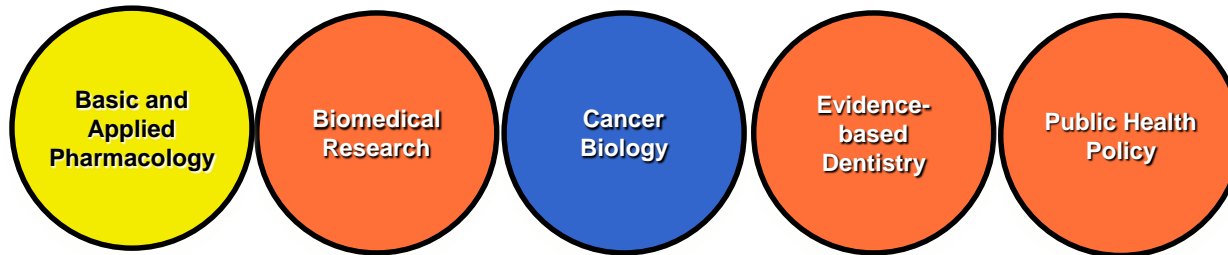
Basic and Foundation Sciences covered in part by Foundation Knowledge 7 (FK7)

FK7	Biology of microorganisms in physiology and pathology
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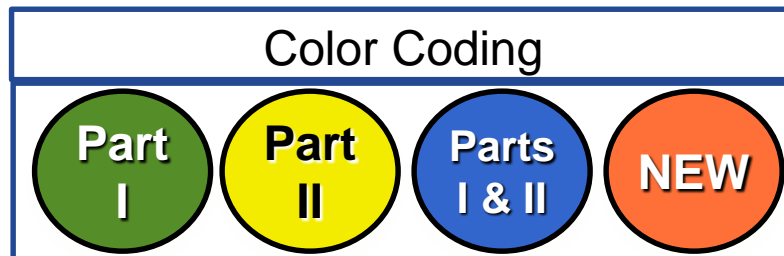
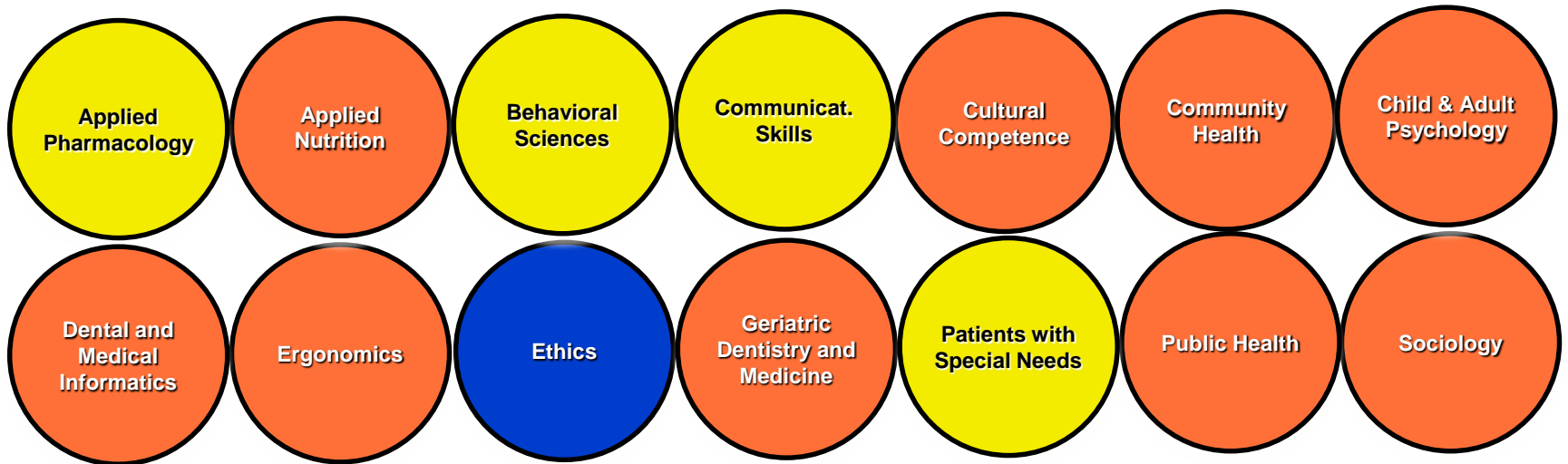
Basic and Foundation Sciences covered in part by Foundation Knowledge 8 (FK8)

FK8	Pharmacology
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Basic and Foundation Sciences covered in part by Foundation Knowledge 9 (FK9)

FK9	Sociology, psychology, ethics and other behavioral sciences
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Basic and Foundation Sciences covered in part by Foundation Knowledge 10 (FK10)

FK10	Quantitative knowledge, critical thinking, and informatics tools
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