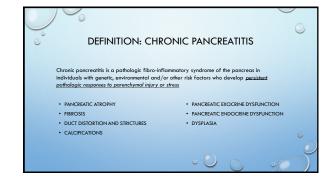
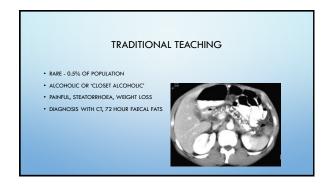
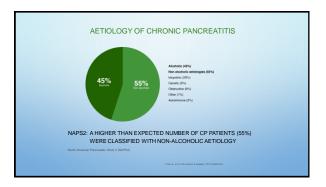


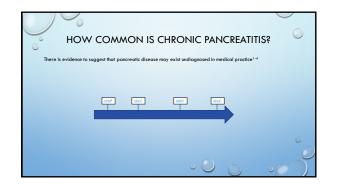


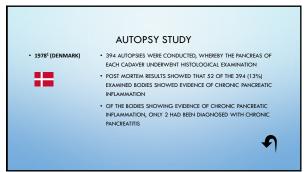
ROAD MAP... DEFINITION AND SPECTRUM OF CHRONIC PANCREATITIS SIGHS AND SYMPTOMS WHO IS AT RISK? HOW CAN WE IDENTIFY PATIENTS WITH ECP? CONSEQUENCES PANCREATIC EXOCENSE INSUFFICIENCY PRINCERATIC EXOCENSE INSUFFICIENCY PRINCERATIC MALIGNANCY OPTIMAL MANAGEMENT. LIFESTIVE CHANGES AND PHARMACOLOGICAL THERAPES FUTURE DIRECTIONS – DIAGNOSTIC TOOL FOR GENERAL PRACTICE (APC STUDY)



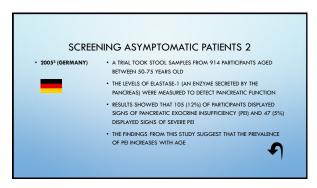


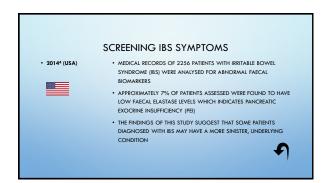


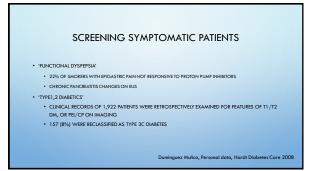




SCREENING ASYMPTOMATIC PATIENTS 1 • 1991² (FRANCE) • 180 PATIENTS THOUGHT TO BE FREE OR ANY ABDOMINAL OR PANCREATIC DISEASE AGED FROM 16-83 YEARS OLD HAD THEIR DUODENAL JUICE COLLECTED • OF THE STUDY GROUP ANALYSED, THE OLDER PATIENTS WERE FOUND TO HAVE A LOWER FUNCTIONING PANCREAS (SUGGESTING PANCREATIC FUNCTION DECREASES WITH AGE) AND 6% OF PATIENTS WERE FOUND TO HAVE PANCREATIC EXOCRINE INSUFFICIENCY (PEI)



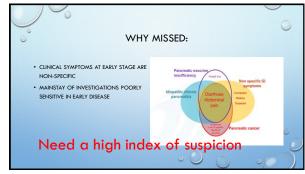




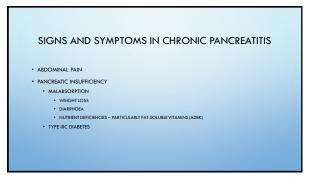




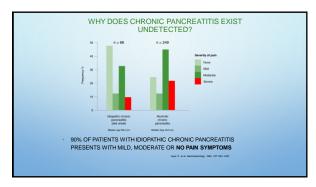


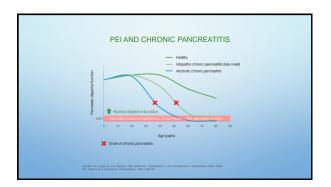


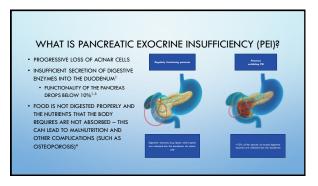


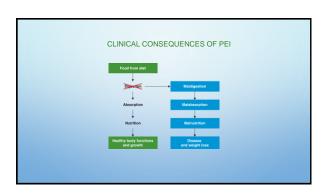








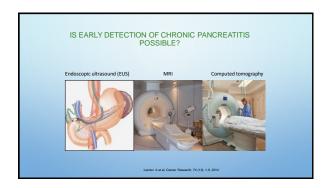














HOW IS PEI DETECTED?

DIRECT TEST:

SECRETIN-CAERULEIN TUBULAR TEST

INDIRECT TESTS:

3 DAY FAECAL FAT TEST (GOLD STANDARD)

FAECAL ELASTASE-1 STOOL TEST

13C MIXED TRIGLYCERIDE BREATH TEST

FAECAL ELASTASE-1 STOOL TEST

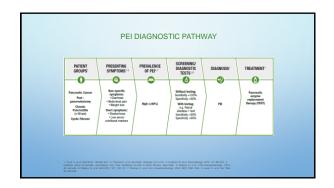
FAECAL ELASTASE-1 TEST IS BECOMING MORE
COMMON IN CLINICAL PRACTICE¹

IN 2010, IT WAS REPORTED TO BE
THE MOST POPULAR TEST USED TO EVALUATE PEP

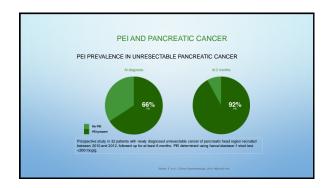
REQUIRES A SINGLE FORMED
STOOL SAMPLE²

MEASURES THE ELASTASE CONCENTRATION IN THE
STOOL¹2

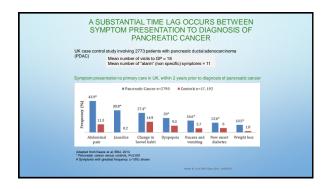
SPECIFICITY: APPROXIMATELY 93%²









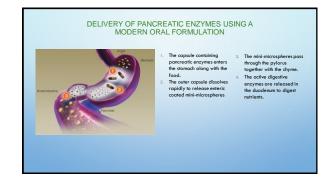


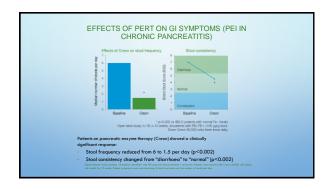


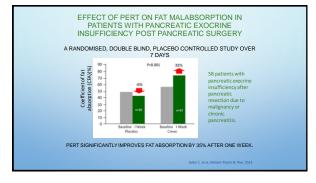


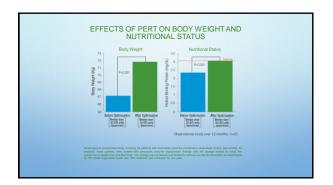


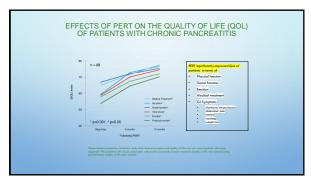
PERT TREATMENT GOALS¹ - ELIMINATE MALDIGESTION - ELIMINATE MALABSORPTION - MAINTAIN ADEQUATE NUTRITION

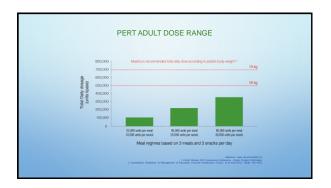


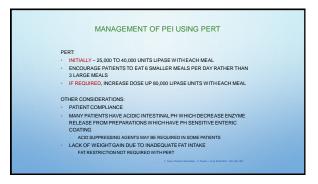












SUMMARY - COMMON - SIGNIFICANTLY UNDER-DIAGNOSED - UNRECOGNISED DISEASE CAN LEAD TO POOR GOL, HEALTH COMPLICATIONS AND REDUCED SURVICAL - SYMPTOMS CAN BE NON-SPECIFIC - NEED TO THINK OF IT!!!

FUTURE DIRECTIONS - APC INITIATED DEVELOPMENT OF A DIAGNOSTIC TOOL - BASED ON WORK DONE IN UK FOR PANCREATIC CANCER - BROADENED TO ALSO INCLUDE - CHONCE PANCREATIES - PANCREATIC EXOCUSIVE INSUFFICIENCY - PHASE 1 DEVELOPMENT PHASE (CURRENT) - LITERATURE REVIEW - DELPHI PROTOCOL - PHASE 2 - VALIDATION PHASE - GENERAL PRACTICES TO UTILIZE PROSPECTIVELY