



OraSure Technologies, Inc.
diagnostic solutions for the new millennium

NADCP Workshop...

“Expanding Your Courts’ Drug Testing Toolbox”

June 12, 2009

Background and Advantages
of Oral Fluid Testing



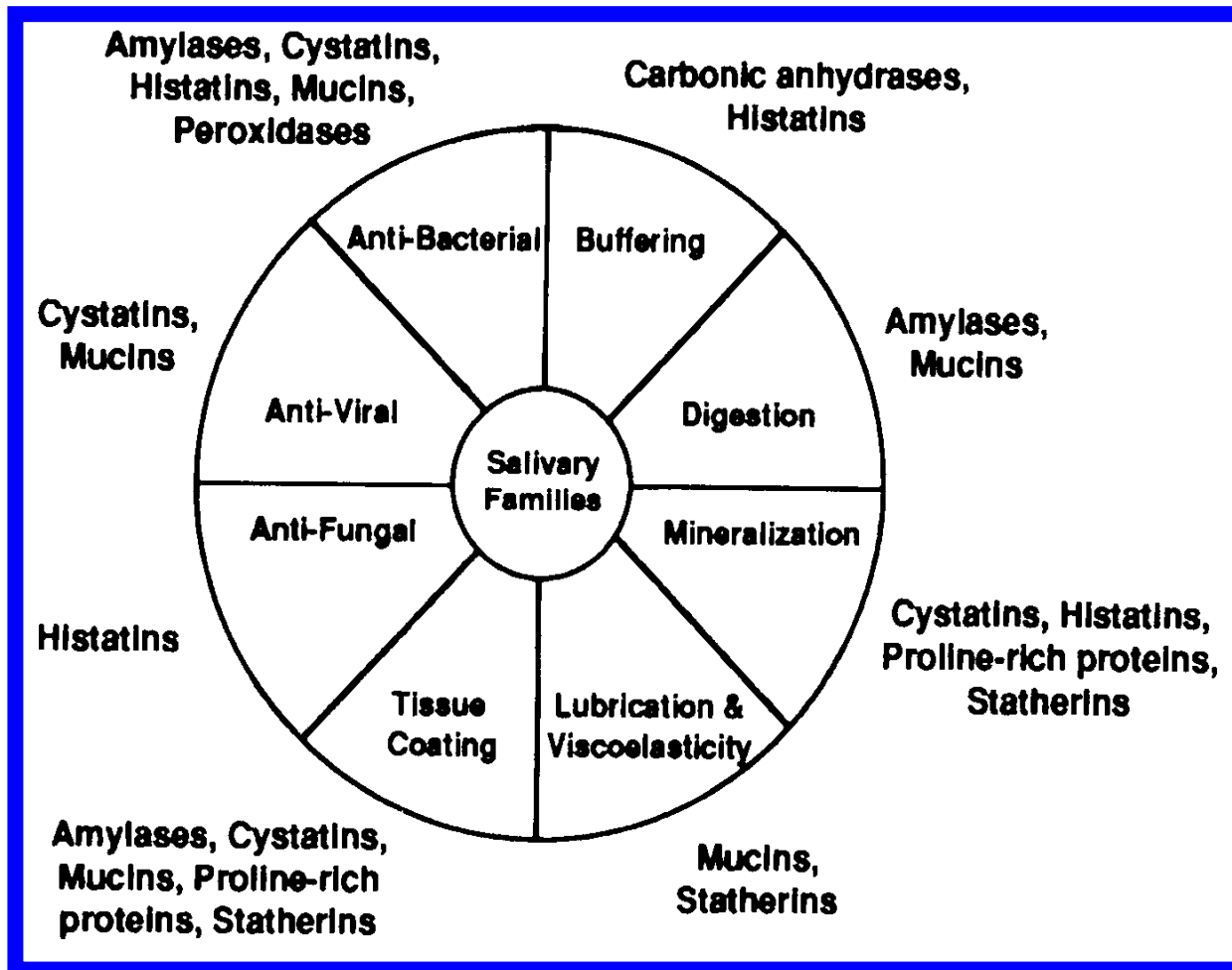
Basic Anatomy

What is Oral Fluid Anyway?

- Whole Saliva: Combination of 3 glandular fluids, some minor glands
 - Parotid: Serous Fluids
 - Sublingual: Mucous
 - Submandibular: Produces Both
- Oral Mucosal Transudate (OMT): Fluid from Blood
 - Passive Transport: Through Crevicular Space

Saliva and Oral Fluid \approx Same

Oral Fluid – Multifunctional Importance





Methods of Collection

Ways to Collection

- Spitting into a tube
- Use of a swab / device
- Goal is to collect a sample that can be used to reliably test for drugs and other substances of interest
 - Many advantages of a buffered/diluted sample
 - Consistency of sample...easily pipetted/processed
 - pH
 - Stabilize drugs in sample for shipping, testing and retention
 - Reduce opportunity for bacterial contamination

Saliva Diagnostic Systems Omni-SAL



Avitar Technologies, Inc.



Sarstadt® -- Salivette



OraSure Technologies, Inc. Intercept[®] & OraSure[®]



Drugs of Abuse Testing



HIV Testing

Simple, Gender Neutral Collection Process

Ease of collection: **3** easy steps

1



SWAB

2



SNAP

3



SEAL

Send to lab for analysis