

The Role of Saliva in the Dynamics of Conversion of Food Particles to a Food Bolus and Bolus Swallowing

M.-A. Peyron

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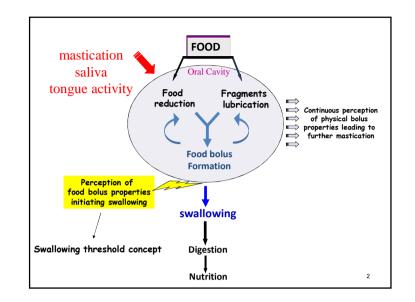
M.-A. Peyron. The Role of Saliva in the Dynamics of Conversion of Food Particles to a Food Bolus and Bolus Swallowing. IADR/PER Congress International association for Dental Research, Sep 2014, Dubrovnik, Croatia. hal-02739140

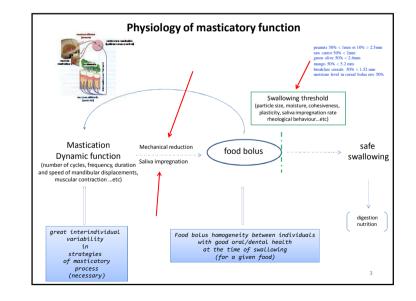
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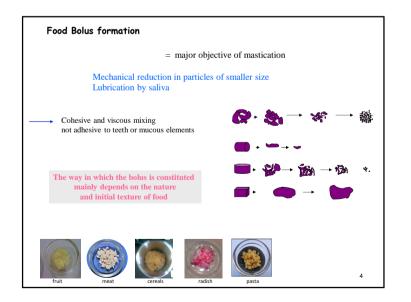
Submitted on 2 Jun2020

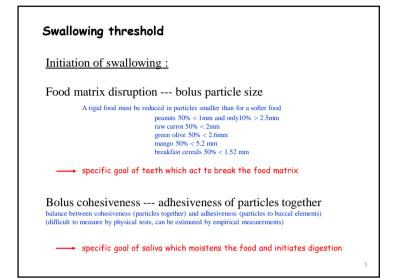
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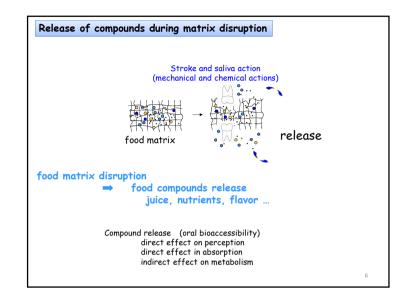


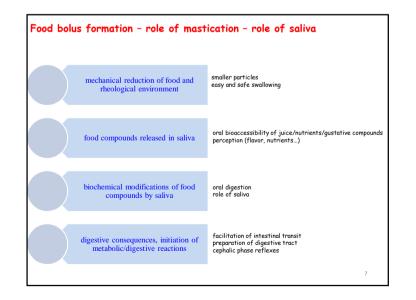


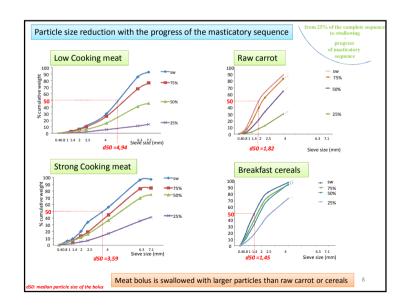


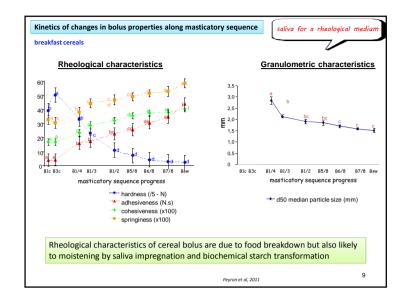


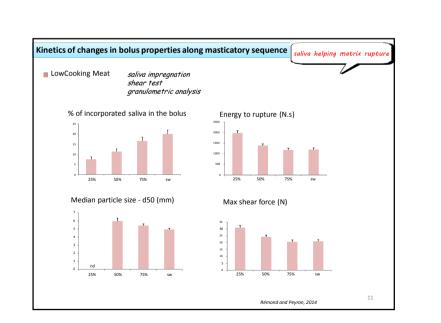


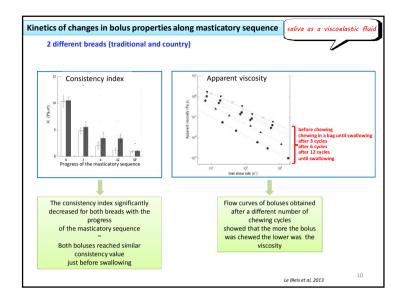


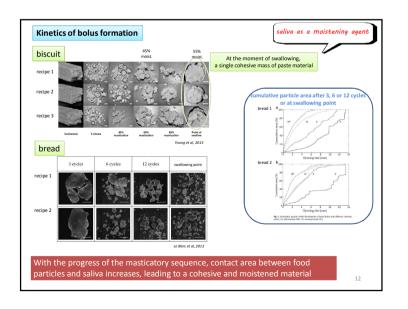


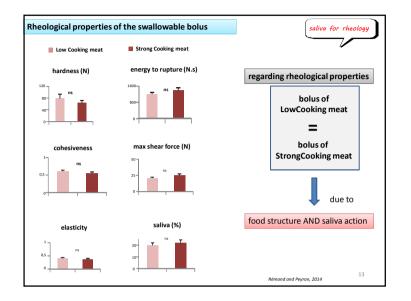




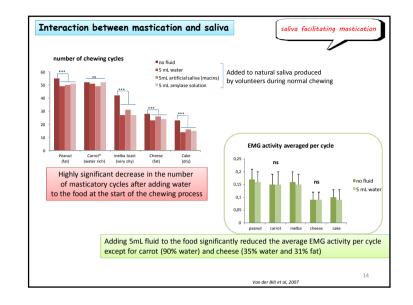


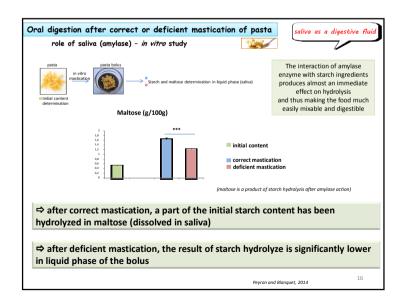


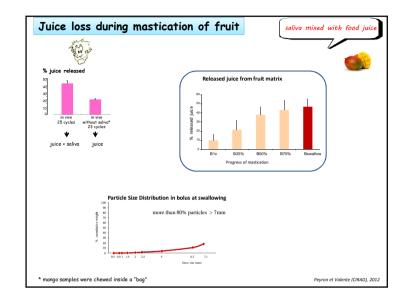


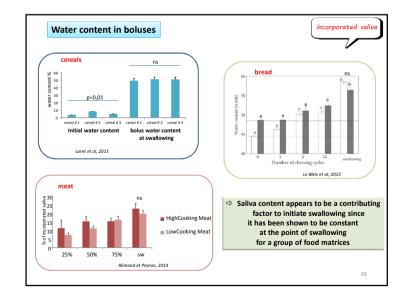


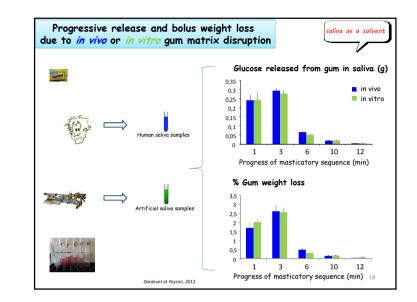
	ciated to saliva in digestion		saliva as a digestive flui
chemical food transformation	n		
chemical modification Role of saliva	of food matrix, food components or nutrients * oral digestion : amylases, lipases * direct release of food components		
	ample actorated after mastication	star	uring masticatory sequence: ch is progressively digested ir maltotriose, maltotetraose and apha-glucans
glucose	bread piece > chewed bread (bolus)		
Maltotriose ······	bread piece << chewed bread (bolus) bread piece < chewed bread (bolus) bread piece <<< chewed bread (bolus)	.)	Efficiency of oral digestion 50% bread starch hydrolysed in the mouth (anylase) and transformed into smaller molecules, before swallowing
<u>Alpha-glucans</u>		,	
	e matrix, mastication increases t iva, favouring enzyme action	he s	urface contact
		1998	15

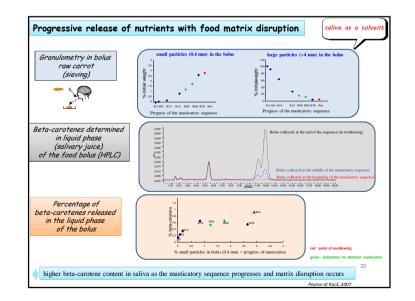












31/10/2014

