

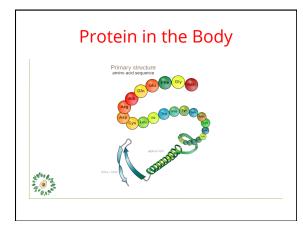


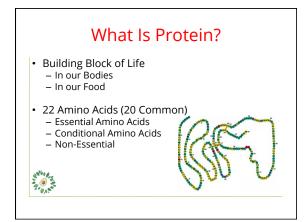




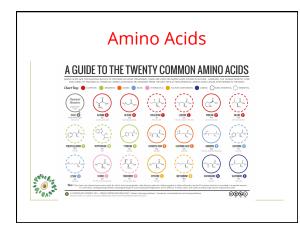
Review Week 3 Dairy Lactose vs. Casein Allergenic and link to Immune Response Beware of hidden dairy Goodbye to Dairy Bone Broth Healing and Nurturing Movement & Nature Benefit of moving, sunshine, nature



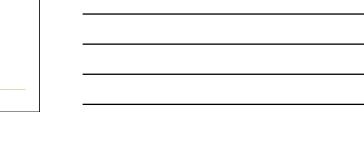


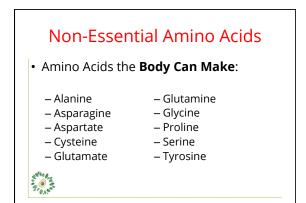


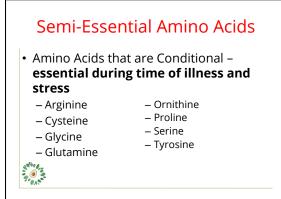


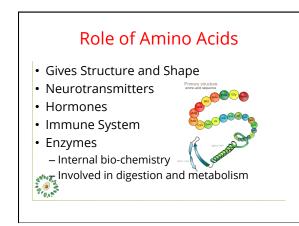






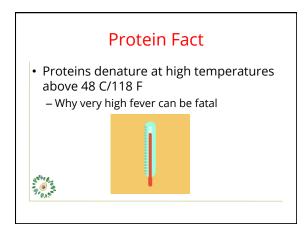


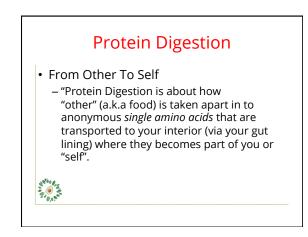


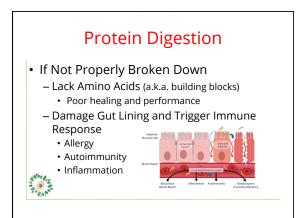


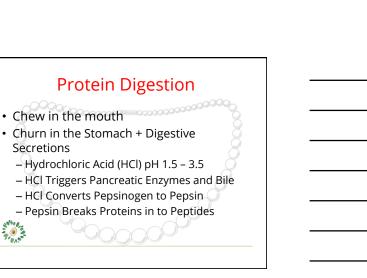
Role of Amino Acids

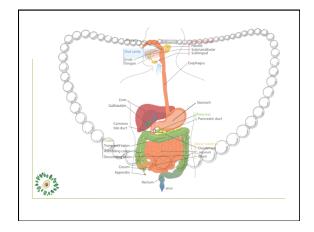
- DNA our genetic code
 - Made from protein
 - Contains blueprint how to build proteins for tissues and functions
- Transport Oxygen and Nutrients
- Healing and Repair
 - Illness
- Injury •-- Surgery _____

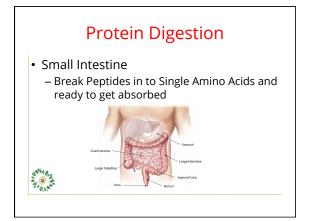














- Caution with Acid Blockers/Protein Pump Inhibitors (PPI)
 - Long term use may lead to deficiency of B12, Iron, Calcium, Magnesium, Zinc, Folate and Probiotics
- Don't stop, talk to your prescribing doctor



Protein Digestion

- May not be too much acid behind Heartburn
- A Relaxed LES (Lower Esophageal Sphincter) -> Heartburn or GERD (GastroEsophageal Reflux Disorder)
- Avoid foods that Relaxes or Irritates the LES

 Coffee, Alcohol, Chocolate etc.

With GERD or Heartburn avoid
 Overeating
 Lying down after eating (wait at least 2 hrs)

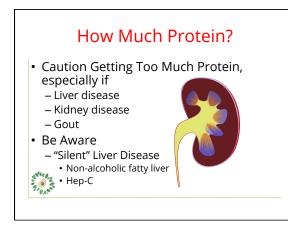
– Lying down after eating (wait at least 2 hrs)

Protein Digestion

- Protein Digestion is <u>FUNDAMENTAL</u> for Digestive and General Health
- Ability to Produce Sufficient HCl is Essential and Declines after age 40
- Consider taking Digestive Enzymes with meals that contain HCl (and Bile)







How Much Protein?

GOAL: General Health & Longevity

 Not looking to change body composition
 Sedentary

35-50% of body weight in lbs in grams – Ex. 160 lbs 56-80 grams of protein/day – Approx. 20-25 grams 3x/day

How Much Protein?

 GOAL: Athlete OR Highly Active OR Burn Fat

50-75% of body weight in lbs in grams • Ex. 160 lbs 80 - 120 grams of protein/day • Approx 25-30 grams per meal 4x/day

How Much Protein?

 GOAL: Athlete OR Highly Active OR Build/Preserve Muscle and Burn Fat

75-100% of body weight in lbs in grams • Ex. 160 lbs 120 - 160 grams of protein/day

• Approx 30-40 grams per meal 4x/day

Complete Protein

- Contains all 9 essential amino acids
- Incomplete proteins combined
 - Ex. Beans and Rice

.

 Vegetable based protein sources come with more carbs

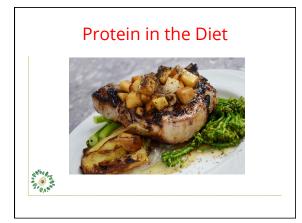
• Quinoa and Chia are complete proteins

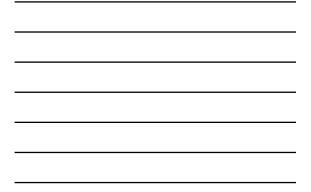
Arguments Against Too Much Protein • Longevity

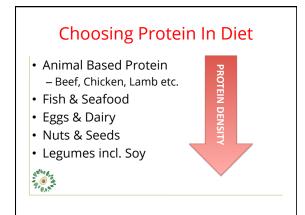
- Caloric restriction linked to longevity
- Excess protein may feed "bad" gut bacteria
- Requires a lot of energy to digest proteins – How strong is your digestive fire?



Disclaimer: The information provided in this material is for informational purposes only and is not intended as a substitute for advice from
a physician or other health care professional. © All Rights Reserved 2016 – TrulyU.com and Annika Ek International Inc.
 Please do not distribute this content







Protein Content

- 1 oz Meat/Chicken 7 grams protein
- 1 oz Fish 6 grams protein
- 1 Egg (large 50 gr.) 6 grams protein
- Legumes Lentils 1 cup/198 gr. 18 grams protein
- Nuts & Seeds

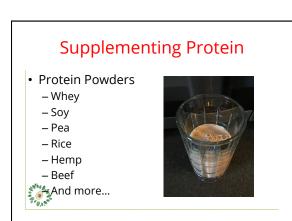
– 1 cup/143 gr. Almonds 30 grams protein
 1 cup/140 gr. Sunflower Seeds 29 grams
 protein

Protein Quality Matters

- Organic, Grassfed, Pastured and Wild vs. Feedlot, Caged and Conventionally Raised
- Diet and Environment of Animal Protein Matters
 - Ex. Grassfed Beef vs. Feedlot Beef very different fat profiles.
 - Anti-Inflammatory (omega-3) vs. Inflammatory (omega-6)
 - Not reflected in most media reports

Protein Facts

- Do not overcook to avoid denaturing the protein
- BBQ Meat -> HCA (heterocyclic amines) a carcinogen
 - Reduce HCA by marinating with herbs in mint family; rosemary, basil, oregano, mint, thyme etc.
- Protein Converts to Sugar on Low Carb
 Juiet "glucogenisis"/Ketosis



Supplementing Protein

Careful with <u>Protein Bars</u>, often <u>high</u> <u>in Sugar</u> and <u>Additives</u>.
Caution with <u>Protein Powders</u> you have <u>Allergy</u> or <u>Sensitivity</u> to.

For Quick & Portable Protein on the go eat nuts, nut butters, seeds, seed butters, cold meat, sardines etc.

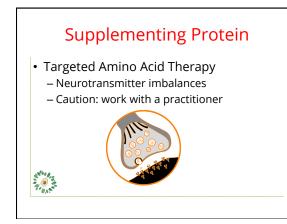
Supplementing Protein

• Free Form Amino Acids – Pre-digested for easy absorption

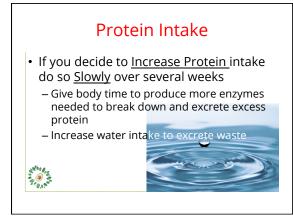
• Branched Chain Amino Acids – Leucine, Isoleucine and Valine

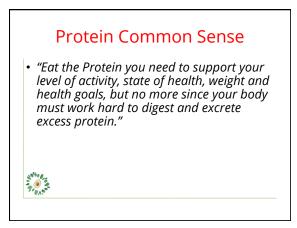
– Targets muscles













Inner Circle

- Life Partner
- Children



- Our most potentially challenging and rewarding relationships
- Siblings • Opportunity for personal growth and presence
- Parents
- Close Friends

Social Circles

- Friends
- Work
- Sports
- Hobbies and Interests
- Religious/Spiritual Community
- Community Engagement/Activism

Your Social Type • There is no "one-size" fits all • Are You Extrovert? – Recharges with others • Are You Introvert? – Recharges alone • Prefer Large or Small Groups?

Single Serve Society

- Trend towards "single serve/self serve society" – less opportunity for interaction
- More people live alone than ever before



Single Serve Society

- Social Media Connections vs. Real World Connections
- Let Social Media -> Real World
- Social connections through Life Stages
- Alone vs. Lonely

Community

- We have evolved within a community and it has been essential to our wellbeing, safety and survival
- Lack of a supportive network is more damaging than smoking 15 cigarettes per day

Community

- Get engaged and find your tribe – Honour your style of interacting
 - BUT don't lose yourself in the tribe
- Focus on Positive Communities/ Sisterhoods
- Rewarding Relationships & Community Involvement are essential for vital health and wellbeing







