GARD
Beijing, March 28-29, 2006

Project for Allergy Diagnosis In
Emerging Countries

G.W. Canonica
The World Allergy Organization is an international coalition of 74 regional and national allergy and clinical immunology societies.
• **WAO recently promoted Surveys through its member societies:**

1-APRES
Allergy PREvalence Survey

2-GAPP
Global Asthma Patient Physician
• Research among adults and their physicians was conducted in **16 countries** including:
  – North America: the U.S. and Canada
  – Northern Europe: Belgium, Germany, Ireland, The Netherlands, Poland, Switzerland, the UK
  – Southern Europe: France, Italy, Spain
  – Pacific Rim: Australia and Japan
  – Other: Brazil, South Africa
• In total, **5,482** interviews were conducted globally
• This reports represents 3,459 of those interviews that were conducted worldwide among two distinct respondent groups that pertain to the adult marketplace:
  – **1,726 adults age 18+ diagnosed with asthma**
    • Recruiting was accomplished via:
      – Harris Interactive’s online panel
      – Physician referrals
      – Existing sample lists
  – **1,733 physicians who treat adults**
    • Including the following mix of physician types*:
      – 916 generalists
      – 817 specialists
• **Adult arm:**
  • Global report 2005;
  • 16 country reports

• **Pediatric arm:**
  • Global report 2006;
  • 9 Country reports
Allergy PREvalence Survey

- A WAO document for publication in 2006 based on the 2005 WAO member society survey
- Data on national prevalence of allergic diseases obtained from peer reviewed publications and government figures
- Reports on national prevalence of allergic rhinitis, allergic asthma, atopic dermatitis, insect/hymenoptera, food, and drug allergy
Allergic Rhinitis Prevalence (%)

- Bangladesh
- Azerbaijan
- Poland
- USA
- Mexico
- Spain
- Iceland
- Serbia
- Russia
- Korea
- Croatia
- Ukraine
- Venezuela
- Colombia
- Macedonia
- India
- UK
- Paraguay
- Italy
- Bulgaria
- Egypt
- Brazil
- Indonesia
- Latvia
- Hungary
- Chile
- South Africa
- USA
- Colombia
- Mexico
- Iran
- Bulgaria
- Latvia
- Indonesia
- Russia
- Romania
- Switzerland
- Spain
- Croatia
- Serbia
- Greece
- Poland
- Turkey
- Germany
- Korea
- Hungary
- Macedonia
- Azerbaijan
- Italy
- Mongolia
- Iceland

Allergic Asthma Prevalence (%)

- Venezuela
- Germany
- Ukraine
- Portugal
- France
- Greece
- Venezuela
- Colombia
- Macedonia
- India
- UK
- Paraguay
- Italy
- Bulgaria
- Egypt
- Brazil
- Indonesia
- Latvia
- Hungary
- Chile
- South Africa
- USA
- Colombia
- Mexico
- Iran
- Bulgaria
- Latvia
- Indonesia
- Russia
- Romania
- Switzerland
- Spain
- Croatia
- Serbia
- Greece
- Poland
- Turkey
- Germany
- Korea
- Hungary
- Macedonia
- Azerbaijan
- Italy
- Mongolia
- Iceland

Drug Allergy Prevalence %

- Ukraine
- Venezuela
- UK
- Bangladesh
- Paraguay
- Philippine
- Australia
- India
- Portugal
- Brazil
- Egypt
- Chile
- Indonesia
- Latvia
- Hungary
- South Africa
- USA
- Colombia
- Mexico
- Iran
- Bulgaria
- Latvia
- Indonesia
- Russia
- Romania
- Switzerland
- Spain
- Croatia
- Serbia
- Greece
- Poland
- Turkey
- Germany
- Korea
- Hungary
- Macedonia
- Azerbaijan
- Italy
- Mongolia
- Iceland

Drug allergy
Allergy PREvalence Survey

A response was obtained by more than 60 societies.
Emerging Societies Program

1-Meetings in different regions of the world
2-Educational programs
3-Pollen traps to monitor allergens
Project on Allergy Diagnosis in GARD

Survey on Allergy Diagnosis Procedures

Survey on Prevalence of Allergens

Simple and cheap diagnostic tests development
1st STEP

Circulate a questionnaire to all WAO member societies to collect data about the diagnostic procedures used in the country/region.
1st STEP

Circulate a questionnaire to all WAO member societies to collect data about the Most Relevant Allergens in the country/region.
On the basis of step 1 A and 1 B surveys

A simple and cheap tool (such as a skin multitest) may be developed on the basis of regional needs.
EXAMPLES

**QUINTEST® Multiple Skin Test System**

QUINTEST®, self-contained, self-loading system. Leak and contaminate proof up to 180 minutes. In the only multiple test device on this market, a 2 mm deep steel stake into the test points quickly, causing less trauma and pain than plastic devices.

Features and benefits include:
- Ergonomically designed handles provide ease of handling and ease of use.
- Depth Control Guards ensure that multiple test allergens are placed at the precise uniform level, resulting in reproducible and accurate test results.
- Sharps disposal is easier and less messy. Each is in a self-contained, disposable, and convenient Snap Lid. Protects your technicians by complying with OSHA standards, safety, and Environmental Acts.
- Hermetic seals are necessary for consistent contact impressions, which is why no current devices that claim the strength of foreign material and evaporation.

**Specifications:**
- Item: QUINTEST
- Description: Multi-Test Device - Sterile
- Item: QUINTEST
- Description: Multi-Test Lids

**Contact for your patients:** Safety for your technicians

*For more information, call 800.992.1130 or visit us online at www.hollisterster.com

**Multi-Test II Dipwell® Tray with Well Closure Caps**

The Multi-Test II shafts, containing the points, serve as closures for the cap holes. Multi-Test II units remain in the Dipwell Trays until they are needed for testing. When testing is completed, new sterile Multi-Test II devices are placed back into each set of wells. The lid then fits over the tray for storage. The lid is designed with an inside “rib” that holds the Multi-Test II devices securely in their wells and that prevents placing the lid over the tray in reverse position. The same lid is used for trays with or without capped wells.

The capped Dipwell tray is not a replacement for the tray without caps, it is an option. The non-capped tray, which is highly popular, continues to be available.

**Lincoln Diagnostics, Inc.**
Decatur, Illinois 62522
(800) 537-1306
### Multi-Test®, Multi-Test® II and Related Components Pricing

**Effective January 1, 2006**

<table>
<thead>
<tr>
<th>Multi-Test®</th>
<th>Multi-Test® II</th>
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<tbody>
<tr>
<td>Multi-Test, Boxes of 6 Devices, Stock# MH-6</td>
<td>Multi-Test II, Boxes of 6 Devices, Stock# MH-6 II</td>
</tr>
<tr>
<td><strong>Quantity</strong></td>
<td><strong>Price</strong></td>
</tr>
<tr>
<td>1 - 24 boxes</td>
<td>$15.20 per box</td>
</tr>
<tr>
<td>25 - 166 boxes</td>
<td>$12.20 per box</td>
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<tr>
<td>167 - 332 boxes</td>
<td>$11.20 per box</td>
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<tr>
<td>333 - 499 boxes</td>
<td>$10.80 per box</td>
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<tr>
<td>500 or more boxes</td>
<td>$10.10 per box</td>
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**Multi-Test Related Components**

| Loading Holders, Stock #MTLH-3 | $9.00 each |
| Dip 'N' Touch, Stock #DT-8 | $5.00 pkg. of 8 |

<table>
<thead>
<tr>
<th>Multi-Test II Related Components</th>
<th>Multi-Test II Related Components</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi-Test II Dipwell Tray, Stock #MHDV-1</td>
<td>$10.00 each</td>
</tr>
<tr>
<td>Multi-Test II Dipwell Tray, Capped, #MHDVC-1</td>
<td>$12.00 each</td>
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<tr>
<td>Multi-Test II ToteTray, #TT-2</td>
<td>$16.00 each</td>
</tr>
</tbody>
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**Lincoln Diagnostics, Inc. • Decatur, Illinois 62525**

1-800-537-1336
Project on Allergy Diagnosis in GARD

A useful and inexpensive tool may become accessible to regions/countries where Allergy Diagnosis is not (or poorly) presently performed

Further Initiatives may be developed