

MSAS® 2008 Software Release: Increasing Productivity & Compliance

Dear Partners and Clients,

We are pleased to announce the release of BioMeridian's MSAS® 2008 Software. This version will be sure to enhance your office productivity and increase patient compliance through new and improved reports. MSAS® 2008 is not just a cosmetic "face-lift", it's a well-planned and thoughtful collection of your ideas put into action.

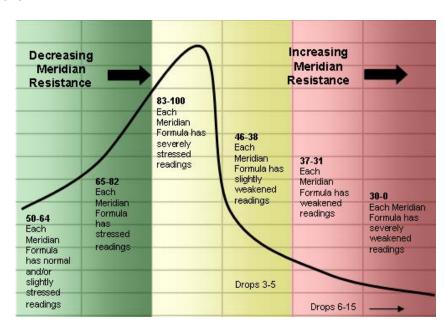
Although the details of these software enhancements are previewed on the following pages, here is a quick summary:

- **Updated Bio-Rep Protocols** Nutri LTD, Standard Process, Metagenics, Deseret Biologicals and Heel. Better, more specific product recommendations.
- New Bio-Rep Reports Invoice, Multi-Chart Bio-Rep Comparisons, Fridge Reports
- **New & Improved Databases** Update and customize AcuPoint info, enter and edit clients with ease and manage product prices and dosing.
- Compare Visits View and compare multiple Bio-Rep charts from one screen or report.
- Historical Wave View a graphical re-creation of any AcuPoint reading.
- **New Bio-Rep Values** Bio-Rep charts now consider additional testing values when calculating the proper phases, like Drop readings of ≥ 3 and lower Max point thresholds.
- **New Bio-Rep Formulas** Assess the chart with 2 different, but equally valuable formulas, Meridian Balance Index (MBI) and Bio-Reportorization Index (BRI).

In addition to the productivity and compliance features, we have arrived at some important adjustments in the max readings "normal reference range". In previous versions of the software, the "normal reference range" has been set at 45-55. After thorough analysis of data from over 1.5 million AcuPoint tests, we have reprogrammed the "normal reference range" for max readings to be 47-55. Not only will the green bar area appear slightly different on the testing screen, but readings of 45 and 46 will now be considered "weak" in the Bio-Rep® calculations.

Also, indicator drops of ≥ 3 points will be considered significant and factored into the phase profiling calculations. Since indicator drops and weak max values are considered the most critical type of readings, this is a major improvement in data assessment and profiling. The practitioner no longer has to evaluate drop values outside of the Bio-Rep information.

The table to the right provides a review from the Basic Training lecture. The numbers indicate where drops and max AcuPoint readings will generally populate the MSAS® 2008 Bio-Rep chart.

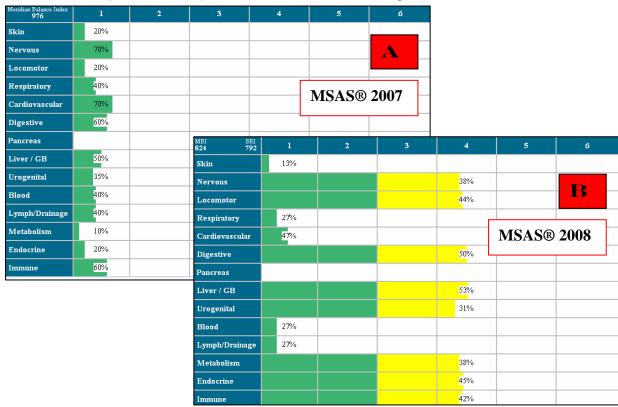


As a review, the graphical display of each Bio-Rep® chart is based on the 58-AcuPoint readings taken during the testing process. The exact Phase Profiling (1-6) depends on the relationship of these individual points to the overall Meridian Formula in an organ system. In previous versions of the software, many practitioners voiced opinions about the number of patients that appear in the normal reference range, but have Max readings slightly below optimal conductivity (50). Now, patients with sub-optimal conductance readings (below 47) will be profiled into a phase that requires concentration.

Case Example – Roger Perfect

The following case example depicts the exact scenario we discussed above. This patient's BioMeridian scan contained 16 of 58 AcuPoints with Max readings between 45 and 46. In the MSAS® 2007 software, these readings were considered in the "normal reference range" and the Bio-Rep chart populated entirely in Phase I with a very high Meridian Balance Index (MBI). See figure A below.

In the MSAS® 2008 software, a second Bio-Rep was activated using the same patient and related AcuPoint data. Now, the 16 slightly weakened readings properly profiled into Phase 4 placing 8 different organ systems in this phase. This example paints a very different picture of this patient...one that is likely more accurate and provides better product recommendations. See figure B below.



Although this change in Bio-Rep calculation and graphical appearance may necessitate discussion with your patients, it is a simple approach – we have better data to support these calculations and our bottom-line plan will be more accurate in future BioMeridian scans. As Dr. Taylor and I have run previous scans through the new software, we have been pleased with the data analysis and so will you.

As an added support benefit, we will be hosting a web-based overview training to review the use and navigation of new MSAS® 2008 features. Web seating is limited to 100 attendees; however, the session will be recorded and available for complimentary download. Instructions for this event will be sent separately via email and available on our website, www.biomeridian.com.

Wishing you and your patients great success,

Dr. Chris and Melissa Taylor Directors of Training and Practitioner Support

ADVANCING THE PRACTICE OF INTEGRATIVE MEDICINE

MSAS®2008 FEATURES & BENEFITS

Feature	Benefits	Quick Screen View
New Visit Wizard	The New Visit Wizard appears when you open a New Visit and provides a simpler entry screen. You may enter the required information only, or click the Client Profile button at the bottom of the window to open the full database, allowing the practitioner to capture more client information for future report applications.	Current Record: Same State Stat
Historic Wave	The Historic Wave feature allows the practitioner to re-create the graphical curve of any reading taken with the MSAS® 2008 software. This is a useful tool for reviewing testing parameters to verify accuracy, especially while you are still learning or when reviewing the testing data of your technician. Use this feature immediately after testing to check your data, or open an historic client visit and double-click the Point ID of the AcuPoint to review. The graph will reappear in the Point Reading graph as shown.	90 80 70 90 80 70 10 11 2 3 4 5 6
7-Point Demo List	This Demo Point List comes standard with all new MSAS® 2008 systems or can be downloaded from the BioMeridian website for previous versions. This list provides a quick 7-point screening to expose patients to the BioMeridian technology and testing process. It is often used as a complimentary screening tool to generate interest and exposure during office implementation or in a demonstration environment.	Point Lists BioRep Demo Point List BioEnergetic Evaluation Master Point List
Enhanced Point Editor Database	The new Point Editor software allows the practitioner to create their own custom point lists, add or delete points, reorder lists, create custom notes, etc. In addition, the MSAS® 2008 software provides easy access to this information from within the testing screen so the practitioner can add specific point notes on the fly. This is a great way to provide reminders to yourself or technicians about specific AcuPoints or meridians.	The state of the s
Item Info Editor Database	The Item Info Editor is the source database for the Bio-Rep® product details. There are secured and customizable fields in this database. The database comes programmed with wholesale and retail costs, as well as manufacturer recommended product dosing. The practitioner or technician will have the ability to edit fields pertaining to wholesale and retail price, standard terms and instructions for a product, daily dosing, and associated items. This feature is a great practice management tool and mega-time saver.	Section 1 and 1 an

ADVANCING THE PRACTICE OF INTEGRATIVE MEDICINE

BIO-REP® FEATURES & BENEFITS

Feature	Benefits	Quick Screen View
MBI and BRI	The Meridian Balance Index (MBI) reflects the patient's individual AcuPoint readings against optimal conductance and standard deviations. The Bio-Reportorization Index (BRI) calculates a weighted value for each flagged or colored box on the chart. In both indexes, the highest value is 1000 points. Many practitioners will use the MBI and BRI to track progress from one visit to another. Each represents a valuable representation of the patient's overall status.	MBI BRI 420 739
Historic Visits	The Historical Visits drop down box is a new feature of the Bio-Rep software that allows the practitioner to view one active Bio-Rep chart while toggling between up to 9 historical Bio-Rep visits. This feature provides you with ability to compare visits and chart views without closing the software and selecting another visit date. It's a great way to benchmark progress quickly and determine organ system patterns.	Visit Active 5/8/2005 6:49:18 PM
Product Bottle Size Selection	The Final Product Check screen in the Bio-Rep software provides a complete list of the selected products, optional bottle sizes and manufacturer's suggested dosing. From this screen, you may select the bottle size that suits the term of the protocol or patient's financial resources. You may also double-click the specific dose and customize the instructions (see Item Detail).	▼ CONGAPLEX (LV4 T9) 40C - 1 - Capsules Davn Breakfast 10am I 0 3 0 □ CONGAPLEX (LV4 T9) 150C - 1 - Capsules Davn Breakfast 10am I 0 3 0 □ CONGAPLEX (LV4 T9) Chewable 90T - 1 - Tablets Davn Breakfast 10am I 0 3 0
Product - Item Details	From the Final Product Check screen, you can double-click a specific product dose and access the Item Details for that product, edit instructions, change retail prices, or customize dose by time of day. The edits can be saved as a one time entry for this patient's protocol or as a default preference for all future recommendations for this product/bottle size. This "easy editing" process allows for on-the-spot changes without leaving the Bio-Rep software.	Enviroclenz (ab 718) ENVC EN
Automatic Cost Calculations in Final Product Check	Click the dollar sign on the bottom, right-hand side of the Final Product Check to receive immediate calculations for the specified protocol. The patient's investment will be listed by daily, monthly and total program costs. The practitioner can change the term of days or bottle size to reduce the short-term financial burden to the patient and see the impact real-time.	Daily Cost \$2.48 Monthly Cost \$74.25 Cost for 60 days \$157.00 Term of 60 ▼ days



ADVANCING THE PRACTICE OF INTEGRATIVE MEDICINE

BIO-REP® FEATURES & BENEFITS (continued)

Feature	Benefits	Quick Screen View
Mutli-Chart Report	The Chart Report in the Bio-Rep software allows the practitioner to recall up to ten (10) BioRep® charts, the current visit and nine historic charts. It provides a quick way to view the progress of the patient over time and identify changes or consistent patterns in organ systems and phase movement. These reports may also be used as case reviews or pin-up charts for your "wall of fame, " as long as any personal information is removed	A C196 C OMPT 99/2005 E 81 8 PM **ETORC CMPT 99/2005 F 81 9 AM **AND CMPT 99/2005 F 81 9 AM *
Fridge Report	The Fridge Report in the Bio-Rep software is a summary of the recommended products and dose by time of day and may be printed and posted onto any surface the patient frequently visits (such as a refrigerator). This frequent reminder during the initial days of a new to serve as a reminder of what time of day to use the selected products.	Item Schedule Report - Post on Fridge Fation: Express types Tester: Dr. Christopher Typies Execute Execute Boson - fast 10em Loncol 3pm Discoure Ups Incl Execute Boson - fast 10em Loncol 3pm Dis
Invoice Report	The Invoice Report provides the patient and the front desk assistant with a summary of products and costs for the entire selected term. The bottle size is indicated in the Item column and the number of bottles necessary to fulfill the term is listed under the Quantity column. If the practitioner completes the applicable sales tax for their area, the sales tax will also be included in the grand total. This added feature allows for timely billing transactions and quick inventory assessment.	Oty Unit cost Total Item 2 \$27.75 \$55.50 Renagen® DTX: 60C 2 \$27.79 \$55.58 Serenagen®: 100T 1 \$43.75 \$43.75 Glycogenics®: 180T Sub total \$154.83 Sales tax \$9.60 (6.20%) Grand total \$164.43
Notes Feature in Bio-Rep Reports	Once the Bio-Rep software is open, the Notes Page can be activated from the bottom of the Bio-Rep selection screen. This feature allows the practitioner to enter other assessment data such as the heart rate, weight, height, and blood pressure of the patient. If the practitioner is in the habit of entering visit notes, the Old Visit Notes tab can be used to browse comments from previous visits. Current and client notes can be added as a final touch before going to the Bio-Rep report selection page.	Visit Number Tester Date and Times of Visit Size Continue Continue
Enhanced Print Preview	The MSAS® 2008 software has been upgraded with an enhanced Print Preview program in both MSAS and Bio-Rep reports. This new feature allows for easy to read views, thumbnail navigation for multiple pages, and save to file. It also allows the practitioner to select properties and print setup options from multiple installed printers.	Fallow regard The state of the

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STIMULUS LIBRARYTM FEATURES & BENEFITS (previously Virtual Library®)

Feature	Benefits	Quick Screen View
Stimulus Library (SL)	The Stimulus Library (SL) is now organized into a single alphabetical listing, allowing for easy navigation and identification of company and informational file locations. We have also added a shortcut to insert items into the active current hold. Just double-click a file folder or product to directly insert.	Alife Research Alpha Health Products, Inc. ARC Distributors, Inc Alacer Corp Allergy Research Group/NutriCology, Inc. Amazon Rainforest Herbs American Nutriceuticals American Regent Laboratories, Inc Armin - Advanced Medical Nutrition, Inc. Amabolic Laboratories Apex Energetics Apothecure
SR Mode	The Stimulus Response (SR) command, located on the testing screen switch-board, allows you to switch from Point Readings Mode to the Stimulus Library software. The practitioner must subscribe to the Stimulus Library software for this command to be active. Otherwise, SR Mode will remain OFF.	POINT READINGS STIMULUS LIBRARY OFF LY-1R Point List Opaque SR Mode: ON Epic Mode: OFF
Stimulus Response Testing (SRT)	The primary processes of testing in the Stimulus Library have changed names. The Sensitivity Mode is now called SRT (-) and the Balancing Mode is now called SRT (+). The new names better reflect the nature of the testing performed.	STIMULUS LIBRARY ON
	Note: The icons for these tools (shown to the right) have not changed, nor has the process for navigation or testing.	

ONLINE REGISTRATION

Feature	Benefits	Quick Screen View
24-Hour Internet Authorization Process	The MSAS® 2008 software needs to be registered upon first use and unlocked at regular intervals (currently every 6 months). All software modules are now preloaded, so we've been able to automate the registration process. Software registration may now be performed manually or automatically right from your computer, 24 hours a day, 7 days a week.	resolute regular altere for PEAS, 2000 or 18 fb.000 or 18



MSAS EMERALD SOFTWARE FEATURES & BENEFITS

Feature	Benefits	Quick Screen View
Sustain Timeout	The default Sustain Timeout for taking point readings is now 1.5 seconds	Sustain Timeout 1.5
Base Readings Report	Accuracy Probability (AP) scores are optional on Base Readings reports	Point - Readings - Base ☐ Out of Balance ☐ Hide AP in report
Epic Stylus Fan	Epic fan is powered off when the software is closed (Vantage only)	(60)
Description & Notes	Point Description, Point and Visit Notes area can be resized to a single line	PT Desc. PT Notes Throat/Tonsil Measurement Pr
Acupoint Selection	Clicking a white dot on the bitmap image selects that acupoint location	
New Visit Wizard	Technician "Tester" name may now be changed while creating a new visit	Current Record: test test Tester Lext to find: Citient Number Full Name
Legal Disclaimer	Legal disclaimer dialog only appears when reauthorizing the software	The second secon
Compare Visits	Compare Visits report can now be utilized within only a single visit	Point- Readings - Compare report details Minimum # of Point Readings



FEATURES & BENEFITS (continued)

Feature	Benefits	Quick Screen View
Database Backup	"Backup Now" button added to MSAS Settings for use from within software	Backup area max size 256MB Backup Now
Performance	Updated database system to improve overall performance & responsiveness	

BIOREP® FEATURES & BENEFITS

Feature	Benefits	Quick Screen View
Use Example Data	Demonstration BioRep can be viewed by selecting "use example data"	Use example data
Recent History	Most recent visits are automatically selected by default within BioRep	Visit Active 6/9/2009 5:56:17 PM
Alphabetized Products	Product listing on the Final Product Check are now in alphabetical order	<pre></pre>
Chart History Report	"Dawn" has been replaced with "Upon Arising" on the Chart History Report	Upon arising Breakfast 0 1



BIOREP® FEATURES & BENEFITS (continued)

Feature	Benefits	Quick Screen View
Item Info Editor	Item Info Editor now saves all changes when editing multiple products	Save DE Exit
Pricing Details	Pricing details within BioRep module are now hidden by default	Report Details for all reports Hide pricing details
Number of Products	Default maximum number of products on Product Selection is now only three	Maximum main products to select 3 5 6
Protocol Length	"Next Visit" and "Term of Protocol" are measured in days instead of weeks	Report Details for all reports Hide pricing details Approximate Next Visit: Duration of Protocol Approximate Next Visit: days
BMI/ MBI Scores	BMI and MBI scores are immediately saved upon display of BioRep chart	Select a box of intended MBI BRI 685 891
Product Counting	Stimulus Library now has optimized code for counting product totals	(y) F0 P122
Inserting Products	Items may now be inserted into the Current Hold while BioRep is running	Thiamine Pyrophosphate Vitamin A Retinol Bio-Reportorization(TM) - v6.1 -
Hold-Label Report	Hold-Label report functionality has been restored for printing labels	Label contents Label contents TEST, TEST 00100 " - ","Vitanin K - Manufacturer"



BIOREP® FEATURES & BENEFITS (continued)

Feature	Benefits	Quick Screen View
Last Selected Hold	Switching away from the Current Hold and then back remembers the last hold	Available Holds SRT (+) Hold SRT (-) Hold
Current Hold Tab	Current Hold remains the active tab after deleting all items from the hold	CURRENT HOLD ON





Feature	Benefits	Quick Screen View
P-Chart	Displays graph of readings grouped by Meridians into three color-coded columns grouped by organ. You can expand each group and see all the meridian points!	Markers Out Towns
Search meridians and library faster accurately	[Find] returns more accurate and complete results faster than before!	Find Item Text to Find Search In Item Name
IHT (Editable) Nutritional	Create your own Nutritional protocol by specifying which products should appear behind each of the cells with this great new product!	Her Size Delete Product Date ID Product A 10001 The Marian Cell use Click on any supple grid cell to make that cell active Insection of the Company of the Compan
Epic functionality in Virtual Library	Accurately test items with the Epic Stylus in the VL rather than having to switch to the manual stylus!	LY-1R Stylus: Epic 2
Internet Authorization	Reauthorization of software requires Internet connectivity. No need to visit a website nor make a phone call and never worry about manually authorization!	MedProducts product registration for MPAS - 262 MedProducts applications must be authorized with MedProducts before MINTELL TIONS: 1) This company must be able to see Hernel so the grogoran can make an inferent connection to the MedProducts Weekfar Remarks and providents. 2) Please type up out feet Products assigned seek a feet or program can make an inferent connection to the MedProducts Weekfar Remarks assigned seek a feet or program can make an inferent or the field. 3) Press the Authorized feet have the programs can inferent MedProducts device and your system will be authorized. Cell as all 501-569-2224 if you would like help or if you have missistened your destins. User facing Processorie Seelal Seelal Seelal
Tablet computers	Optimized for use on both large and small screens for portability including the Microsoft Surface!	



Default Dilutions	Specify a start-up default dilution for both SRT- and SRT+ modes.	Default SRT (-) Hold SRT (-) Hold Default SRT (+) Hold SRT (+) Hold Default SRT (-) Dilution Stress Test Default SRT (+) Dilution Manufacturer
Daily Database Backups	Database is automatically backs daily as a precautionary step to minimize potential data loss!	Database Backup Wizard. This wizard will create a backup
Helpful Button Hints	Hovering the mouse pointer over an icon button displays additional information reminding you of the functionality of that button and the hot-key shortcut for that function.	Find Nutritional Q Chart RAR Perform a search (Ctrl-F)
Nutritional Module Custom Reports	Custom contents option includes the ability to specify exactly which elements to include in your own or any of the standard Nutritional reports!	Other contents Visit details Current chart Protocol timetable Protocol history Readings in brief Readings Meridian Readings Association Product invoice Selected products Product details Chart history
Virtual Library in all modes	Virtual Library no longer has to be turned on and off as the Epic can be used in either mode – so you choose the stylus you need!	POINT READINGS LY-1R Stylus: Epic
Compatible with Windows 7 and Windows 8 / 8.1	Improved compatibility with the latest security features of Microsoft Windows results in better protection for your computer.	User Account Control Settings Choose when to be notified



Upgrade with Confidence	Upgrading to Sapphire keeps all of your existing patient and client data as well as all customized library data you may have added to your library. All customized settings for reports and other custom settings remain.	
Performance	Updated communication protocol for improved performance and responsiveness means you can test more quickly and spend more time on report of findings!	
Current Hold Cloning	Copy the Current Hold contents from past visits into new visits-save time and avoid any copy mistakes!	Date and Time of Visit 2/3/2014 4:29:49 PM Clone Holds from old visit ▼ Clone with old Hold Readings (Visit #3) (Holds: 1) When: 11/4/2010 4:54:56 PM ▼
Export Hold and then Import as a Custom Library	Export the list of contents from the Current Hold and import it into Custom Library saving you time and avoiding mistakes!	CURRENT HOLD ON Export Hold Select a save name and location for Save in: Desktop
Extensive Beta Testing	Iterations of beta testing with external testers resulted in over a hundred improvements. We appreciate all of our beta testers and partners! Thank you!	Original Message Subject: new beta13-0212 MPAS Sapphire software Thank you for continuing to field(beta) test our new
Aesthetics	Color scheme changed to black text on a white background for increased readability.	8



MPAS SAPPHIRE SOFTWARE FEATURES & BENEFITS

Optional Transmit Governor Warning

A warning message will appear on the screen when the limit you have set for item transmission is exceeded. You can then either increase this custom setting or reduce the number of items transmitting. This updates in real time so you can adjust immediately during a patient visit.



Rapid Toggling in Virtual Library

The ability to rapidly toggle items in the Custom Library and the Current Hold has improved. You can do this much faster without causing errors and saving you valuable time!

~	Cannabis Sativa	Manufacturer
V	Aconitum nap.	Manufacturer
~	Aesculus hipp.	Manufacturer
	Allium cepa	Manufacturer
~	Antimonium crud	Manufacturer
~	Antimonium tart	Manufacturer
~	Apis Melifica	Manufacturer
~	Argentum Nitricum	Manufacturer
~	Arnica montana	Manufacturer
~	Arsenicum album	Manufacturer
v	Arsenicum jodatum	Manufacturer

Sortable Find Results

Clicking columns at the top of find results enables an alphabetical sort for easier search of Meridian Points or the Virtual Library. This saves you time during your client visit.

Folder	Item
Detox	Addex (Food Additives)
Xenobiotics (Detoxificati	Addex (Food Additives)
Food	Additives
Autoimmune	Allergies: Food Additives
Hobon	Detox For Food Additives I
Hobon	Detox For Food Additives II
Detox	Detoxosode-Food Additives I
HVS Laboratories	Detoxosode-Food Additives I
Detox	Detoxosode-Food Additives II
HVS Laboratories	Detoxosode-Food Additives II
Detox	Food Additive Detox
Xenobiotics (Detoxificati	Food Additive Detox
Homeopathic Liquid & P	Food Additive Formula

Restarting Firmware

A new dialog appears if the VantagePro hardware is not turned on or plugged into the computer. This allows a restart or retry without closing and reopening the software.



Zip Code Filtering

Restricting the zip code field in Client Profile Editor is easier with the menu Tools->FilterZipCodes and allows an efficient sort of this field!





Tree Navigation Buttons	Clicking tree navigation buttons such as [Full Collapse] keeps focus within the Virtual Library tree.	Master Dilution Manufacturer Info-Bach Remedies Agrimony Aspen Beech Centaury Cerato
Item Descriptions can be Copied	Text in the Item Description field can be copied to the Windows clipboard and pasted into another application.	Info-Sensitivity Screening by Groups Environmentals Food Additives Acid benzoicum Agar Agar Alginic Acid Item Desc. Item Ind. Item Notes Visit A dried mucilaginous product obtained from certair baterial enzymes, it is widely used as a solidifying increase in bulk on absorption of water.
Speakers Required	When taking point readings, the beeps heard at the blue and black marks now emit through computer speakers. Many modern laptops have these speakers built in.	Volume Moer - Speakers (SoundMAX bitegrated Digital High Definition A. Perior Applications Speakers System Sounds MediProducts Assessment Soft 40 40 40 40



MSA PEARL SOFTWARE FEATURES & BENEFITS

Feature	Benefits	Quick Screen View
Photographic Image Option	Body images can be represented by cartoon images or photo images *PLEASE NOTE* Cartoon images are default, but can be switched to photographic images in the Point Editor	Cot trage Total Name Seed List Start Date Cott Council Serve Integrated Framework of Serve Integrated Council Serve In
Variable Text Size	The size of text can be adjusted by clicking the [+] and [-] buttons in several areas of the software.	Throat/Tonsil Measurement Point. This point is located at the distal diaphyseal end of the ungual phalanx of the thumb on its radial side (dorsal aspect of the hand). It is measured on a 90 degree angle on the side of the finger with the probe on a horizontal plane with that of the fingeranii. It corresponds to the Palatine Tonsil including the tonsillar bed, peri-, and retrotonsillar tissue.
Gradient Charts	Charts now use a gradient color scheme for professional reports. *PLEASE NOTE* Gradients are on by default, but can be disabled within PChart and BioRep	Decision from the production of 2 EP State of the control of t
BioScanSRT Reports Available in BioScanMSA	SRT Reports are accessible without having to close MSA	Service of the servic
Printable PChart	PChart history can now be printed from within MSA Reports either fully collapsed or fully expanded	MSA PChart Report Current Visit: 7 USB2007 8:12:58 PM Current Visit: 7 USB2007 8:12



MSA PEARL SOFTWARE FEATURES & BENEFITS

Build A Custom Header/Footer Wizard	Create a custom header and footer for printing on all reports. Sample images and text are included, or you can use your own.	Here is your gererated Header or Footer file. If it looks good, then press the Save button. Otherwise press the Back button to try again. Health Clinic 123 Main Street. Salt Laire City UT 84119 What would you do for better health?
Added Point Name Tab	Point Readings now includes a "Point Name" tab with large text for easy viewing from a distance	Client PT Name PT Desc. PT Notes Visit Notes LY-1R Lymph -Throat & Tonsil
Polar Graph	Customizable Polar Chart available for reviewing point readings *PLEASE NOTE* Classic graph features such as bar chart and pie charts are no longer available in BioScan MSA	COTION - TOUR THEN STREETED IN THE STREETED IN
BioRep Stay-On-Top	View QChart, PChart, and BioRep at the same time by having BioRep stay on top of all other windows *PLEASE NOTE* Stay-On-Top is not enabled by default; it can be enabled within the BioRep module.	
Customizable Field Names	"Practitioner" and "Client" (Default Setting) fields in all reports can be renamed (i.e. to "Doctor" and "Patient") "SRT+" and "SRT- "holds in Virtual Library can be renamed (i.e. to "Balance" and "Sensitivity") these can be changed in the MSA Settings area.	General wording for reports Practitioner is called Practitioner Client SRT + is called SRT - is called SRT+ SRT-



MSA PEARL SOFTWARE FEATURES & BENEFITS

What are you Images in the software **Stay Informed** will update on a regular basis with announcements about new of IHT News software updates, upcoming events, and future webinars All application shortcuts are consolidated into a convenient **Desktop Shortcuts** MSA folder on the desktop to MSA Software Easy access to utilities such as Point Editor, Custom Library Editor, **Item Info Editor, and Client Profile** Additional room available for writing notes in between × the selected items Fridge Report can Timetable double spaced ✓ *PLEASE NOTE* be Double-Spaced Hide pricing details Double Spacing is on by default; you can change this in the Report setting area All reports are available in locked **BioRep Reports** visits to prevent inadvertent modification of historical data. You are entering a historic visit. Do you wish to lock visit data? Available in Yes No The "Nutritional" name has been **Locked Visits** reverted to "BioReportorization."



MSA PEARL SOFTWARE FEATURES & BENEFITS

The number of available BioRep **Energetix and** modules for MSA users have grown! Solutions4 Solutions4 (Solutions4.com) **BioReps** Energetix (goenergetix.com) Use custom client designations by turning off auto-numbering in **Auto-Populate** Number the Options tab of MSA Settings Client Number can Last Name *PLEASE NOTE* First Name **Auto-Numbering is on by** be Toggled Off default but can be changed in the MSA Settings area PDF printing may be enabled by turning on PDF reports in Point - Readings - Base report details **Options tab of MSA Settings** Out of Balance Print Order B • Testing • Max **PDF Reports** *PLEASE NOTE* Alpha O AP Descend PDF Reports is off by default; a PDF printer may still be used, and a PDF Description Meridian viewer must be installed on your system to open the PDF document **Custom Libraries exported from Improved Custom** and imported into MSA Pearl includes additional information **Library Exporting** on the import error screen and Importing when items are missing from Virtual Library Improved compatibility with User Account Control Settings **Compatible with** the latest security features of Microsoft Windows results in better Windows 10 Choose when to be notified protection for your computer



MSA PEARL SOFTWARE FEATURES & BENEFITS

Flexible Header and Footer Images	Improved handling of large images in MSA and BioRep reports	By MEA Perport 204 Chick desired report Date: Residency Figure Residency Fi
Improved Aesthetics	Fonts used in reports have been enhanced to increase readability	Procedures Report Scorage Content The target of the head Scorage Content The target of the target of the head Scorage Content The target of targe
Branching Mode Auto Skips	Saves time by skipping meridian points which already have a VOLL reading recorded	Branching Mode Branching Mode has been activated. To return back to point-list press the < <space-bar>>.</space-bar>
Half Grid Scan is Always On	Enforces divide-and-conquer approach of narrowing down balancing products	Total phone. In In In In In In In I



MSA 139 SOFTWARE FEATURES & BENEFITS

Feature	Benefits	Quick Screen View
MSA and SRT software can both be open at the same time	Easily switch between MSA and SRT software without having to close the existing software first.	The control of the co
Hardware status text is now visible on the screen	Quickly know whether the hardware is turned on and plugged in. Visual indicator reduces time troubleshooting.	Hardware not ready. Max: 0 Drop: 0 AP: 0 Rise: 0 95 90 85
Disconnect and reconnect hardware without restarting the software	The software will attempt to reestablish communications if the connection is lost. *PLEASE NOTE* Intended only for use only accidental disconnects.	Hardware aborted. Will try restart. Max: 49 Drop: 0 AP: n/a Rise: 67
Library [Find] can be filtered to only the selected folder	Limit searches to just the selected folder and easily build a protocol. *PLEASE NOTE* Searching the entire library is the default search mode.	Exact match Discontinued Hidden Current folder Current folder
Library [Find] is now available in Custom Library	Search functional has been extended to also function in the Custom Library for ease of use.	Find in Custom Library Text to Find Search In To-Nu Hom Name



MSA 139 SOFTWARE FEATURES & BENEFITS

Library [Find] can now include or exclude hidden and discontinued items Items which are hidden from within Custom Library Editor may now optionally appear in search.

PLEASE NOTE
Hidden and discontinued items are not visible by default.



Include products from multiple lines in BioRep reports

Print a single report listing products from multiple supplement lines instead of separate reports for each.



Add and select your own custom products in the IHT BioRep Editor

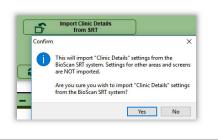
Easily include your own products in the BioRep protocol including dosages, descriptions, as well as special instructions.



Import clinic information from SRT software on the same computer

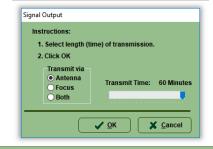
Print consistent reports in MSA and SRT software with the same clinic information in the header.

PLEASE NOTE
Only clinic information will be imported, not patient details.



Output library signals for a longer period of time

Items in the Current Hold can now be output for up to 60 minutes (formerly 20 minutes)





MSA 140 SOFTWARE FEATURES & BENEFITS

Feature	Benefits	Quick Screen View
Last selected item is remembered when between switching Holds	Navigate between custom Current Holds with ease after using Edit -> Insert Item Alternate	Available Holds MySpecialHold SRT (+) Hold SRT (-) Hold Available Holds Max Item Dextros Fructos Glucose Lactose
Discontinued and Hidden items are identified in the Virtual Library	Discontinued items are identified with a "D" and hidden items are identified with an "H". DEFAULT: Hidden are not loaded	How hidden VL items load Hidden are not loaded Marked as HIDDEN Loaded to HISTORIC Dir
Added a software feedback feature to the Help menu	Menu option will open the default email client on your computer with both the "To:" and "Subject:" lines already filled out.	Tools Help Disclaimer IHT on Web Send IHT Feedback About MSA
Software will automatically close when computer goes to sleep	IHT officially recommends disabling sleep setting when the computer is plugged-in. However, if a computer goes to sleep, the software will now gracefully close.	Choose what the power buttons do Create a power plan Choose when to turn off the display Change when the computer sleeps



MSA 141 SOFTWARE FEATURES & BENEFITS

Feature	Benefits	Quick Screen View
[New Client] button is renamed based on Settings	MSA Settings allows your customers to be referred to as Clients, Patients, etc. When creating a new customer record, the [New] button now uses this customizable setting.	Client is called Child New Child
New Polar Chart display options	Polar Charts can be sorted in ascending or descending order. Start position of the Polar Chart can now begin at four locations (0, 90, 180, or 270 degrees)	Polar Chart Graph Settings Hide lines Ascending Descending Starting angle in degrees 0 180 90 270
Relocated Signal Output Button	The signal output button has moved to a more convenient location at the left side of the screen	Output: F19 P0 () >
Improvements to Custom Library Editor	More [Find] options are available including search location & display results	Find from Seed to Find Search Common Search where Search where Search where Search where Search where Common Common Common Common Common Common Common Common Common Common Common Common Common Common Common Common Common Common Common Common Co
Updated BioRep Modules	New products added to Standard Process, Medi-Herb, and Deseret Biologicals	1
Multiple errors and performance issues have been fixed	We have addressed several shutdown issues and error messages. We appreciate your Feedback!	Application X Application St. Working caused the property of



MSA 142 SOFTWARE FEATURES & BENEFITS

Feature	Benefits	Quick Screen View
Additional Clinic Header Options	The Clinic Header can optionally be reduced to a single line or toggled off.	☐ One line clinic header ☐ No clinic header ☐ Clinic image ☐ Image must be at least 700 x 175. ☐ Details ☐ Browse
Additional Client Header and Footer Options	The Client Header can optionally be toggled off. The footer can now be optionally toggled off.	No confidential headerNo footer legends
Larger Custom Library Window	The Custom library window is now taller and wider	Notice of the Control of Control
Multiple visibility issues addressed	The visibility of some elements has returned.	Available Holds Amino Acids Anatomical Structure



MSA 143 SOFTWARE FEATURES & BENEFITS

Feature	Benefits	Quick Screen View
Updated BioRep Modules	During installation, you will be prompted about which BioRep modules to update.	Windows Department and instruments S Profession S Profession S S S S S S S S S
Adjust Item Order in Current Hold	Items in the Current Hold can be rearranged and/or alphabetized.	Manually set Hold list order Select a Hold Item and move it up or down the list Butter (Manufacturer) Egg - White (Manufacturer) Margarine (Manufacturer) Milk - Cow (Manufacturer) Yoghurt - Cow (Manufacturer)
New Option to Prevent Duplicates in Current Hold	New option on Settings screen to prevent double inserts into the Current Hold.	Block inserting of duplicate hold items
Reduce or Collapse Left and Bottom Panes	Click these collapse buttons to hide Notes and/or the Left Pane.	
Click Text to switch between BASE/POST Mode	Toggling between BASE and POST reading mode is now more accessible.	mer BASE Current Point ID
Desktop MSA folder Contains Recent Library Updates	After upgrading, the newest Library Updates are available right on your desktop!	Point Editor Restore USB Driver Install VLUpdates



MSA 143 SOFTWARE FEATURES & BENEFITS

Adjustable P-Chart Settings	Weak and Stressed tolerance levels can be changed in the P-Chart.	Settings Gradient coloring Stressed Weakened 90 → 10 → PChart View Voll Reading ∨ Reget ✓ QK ★ Cancel
Additional Opportunities to Backup Database	More frequent backups available if software is opened and closed multiples times per day.	Start a database backup To maintain the integrity of your database, it is important that it be backed up and restored on a regular basis. Press the Back up & Restore button to start this automated process. The full process will take from 1 to 5 minutes. Backup will start automatically in 28 seconds. unless you press the cancel button Start Back up & Restore
Several Fixes and Performance Improvements	Thank you for your feedback!	



MSA 144 SOFTWARE FEATURES & BENEFITS

Feature	Benefits	Quick Screen View
Dragging Items Within Custom Library Folders	Items can be moved up or down a folder either one line at a time or dragged multiple lines at a time in Custom Library Editor.	Ear Middle Ear Middle Eardrum Eardrum Eardrum Ear Drops Eustachian Tube Eustachian Tube Labyrinth of Ear Labyrinth of Ear
Scrolling in Custom Library Editor	The custom library will scroll up or down when items are dragged to the top or bottom edges.	Bone of Ear Bone of Ear Bone of Ear Ear Inner Ear Inner Ear Middle Ear Middle Eardrum Ear Drops
Sharing Custom Libraries	VLEdit users can now share custom libraries having user-added items with other VLEdit users	Paste Delete Del Export Import Collapse Move Up Ctrl+U
Several Fixes and Performance Improvements	Thank you for your feedback!	



MSA 146 SOFTWARE FEATURES & BENEFITS

Feature	Benefits	Quick Screen View
Library Searching	Text can be searched via any field of the Virtual and Custom Library (Default: Any fields)	Any fields Any fields Item Name Item Description Item Indications Item Notes
Scatterplot Graph Added	Collections of point reading data can be displayed in a matrix.	44 U-10cR(25) 54 NE-10c 54 NE-10c 54 NE-10c 63 S-1-3-1(25) 64 TW-10c 63 TW-10c 63 TW-10c 64 TW-11c 63 TW-3-1c 64 TW-3-1c 64 TW-3-1c 65 TW-3-1c 65 TW-3-1c 66 TW-3-1c 66 TW-3-1c 67 TW-3-1c 68 TW-3-1c 68 TW-3-1c 69 TW-3-1c 60 TW-3-1c
Library Holds can always be visible	Library holds are now optionally visible while in the Point Readings tab. (Default: Hidden)	Holds (1xClick=Select 2xClicks=On/Off) Hold Name SRT- SRT-
Example reports are visible	When selecting an MSA or BioRep report, an example of each will be displayed.	sits (Detail)
Additional rates, quantities, & durations available	More options available when selecting and scanning rates, quantities, & durations.	Sen Rate Search for When Date D
Selectable Hold Sort Order	If you use custom holds, you can now choose the order holds are displayed in the list.	Hold sorting order t up stylus IC anual Creation SRT +/- first Alphabetic Alphabetic



MSA 146 SOFTWARE FEATURES & BENEFITS

More Genders Are Available	When adding or editing clients, additional Gender options are now available to select.	Gender Female Male Trans Female Trans Male
Optional Columns In Reports	"Max," "Drop," and "Rise" columns can now be excluded from several reports.	Hide Max in report Hide Drop in report Hide AP in report Hide Rise in report
Hold – Information Sort Options	Additional sort options are available for the Hold-Information Report.	Print Order By Hold, Item Name, Manufacturer Item Name, Manufacturer Manufacturer, Item Name
Point Editor Reports	More reports are available in the Point Editor utility.	Select Report Current Point only Current Point only Current Meridian Master Point List points BioRep List points BioRep Evaluation points Seven Point Demo points Dentistry points Dentistry points
Reorganized Client Profile Editor	Client Profile creation and editing screens are now easier to navigate.	Record ID Record ID Gender First Name Last Name Email address (* are required fields) D Perform full profile Even X Cancel
Optional Report Components	Many reports allow optional components to be excluded.	 No confidential header No footer legends Birth date displayed in report
Several Fixes and Performance Improvements	Thank you for your feedback!	



MSA 147 SOFTWARE FEATURES & BENEFITS

Feature	Benefits	Quick Screen View
Date Selection	Selecting dates is now easier by clicking a day, month, or year within a calendar.	Birthdate 1/1/1980 January 1980 Sun Mon Tue Wed Thu Fri Sat 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 Today: 1/14/2020
Hold Visibility	Visibility of library Holds can now be toggled on and off in the Settings screen.	Holds (1xClick=Select 2xClicks=On/Off) Hold Name SRT+ SRT-
Report Header Visibility	The date and page number in MSA Reports can now be toggled on and off.	☐ No page header
Library Item Information	Item Information is now available by right clicking the item in Virtual Library.	Seriapiex Sesame Seed Oil Soy Bean-Lecithin Spanish Black Radish Organically Crown



MSA 147 SOFTWARE FEATURES & BENEFITS

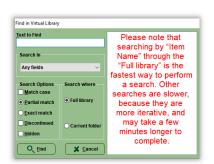
AP Score Calculation

The AP (Accuracy Probability) score is always calculated.



Library Searching

Improved performance when searching the Virtual Library and Custom Library.



Point Name Location

Point name can optionally be moved off the body image and into the top left corner.



Several Fixes and Improvements

Thank you for your feedback!

