

# DataMatters

NEWS & VIEWS

**I-DO DATA MANAGEMENT –  
HOT TOPIC DISCUSSION**

**JC AMOS AWARD DATA  
MATTERS NEWSLETTER  
ARTICLE AWARD – ENTER NOW**

**ACDM TRAINING ROADMAP**

ARTICLE

**DECODING INTELLIGENCE  
PATH FOR CLINICAL DATA  
MANAGEMENT!**

**ACDM ANNUAL  
CONFERENCE  
2014 – CALL  
FOR PAPERS**



## Newsletter Committee

Email to the Editor: [editor@acdm.org.uk](mailto:editor@acdm.org.uk)

## Nazma Ahmed (Chairperson/Editor)

GlaxoSmithKline R&D  
Tel: 020 8990 2968  
Fax: 020 8990 3511  
Email: [nazma.5.ahmed@gsk.com](mailto:nazma.5.ahmed@gsk.com)

## Jean Cornhill

PAREXEL International Limited  
Tel: 01895 614539  
Fax: 01895 614081  
Email: [jean.cornhill@parexel.com](mailto:jean.cornhill@parexel.com)

## Guidelines for Contributors

Articles range from 700 words to over 2,000. Photographs, diagrams and illustrations help to break up large areas of text. News items can range from 80 – 400 words to include photographs if relevant. Profiles can range from 300-600 words, and photographs will enhance these pages.

Photographs – We need good quality digital images taken at the highest resolution possible. With digital photography the more mega pixels the camera has, the better.

Illustrations – Charts and diagrams drawn in Excel or Word will normally need to be redrawn for the printing process. If images are embedded in Word documents they need to be supplied as separate jpegs as well.

Preferably, articles should be sent via Email or CD. Plain ASCII text is best, but many WP formats can be imported. Contact the Editor for help if you are unsure.

All articles should be sent to the Editor in good time for the copy deadline. Articles may need to be edited to fit the constraints of publishing, with full text available on request. All articles are subject to editorial approval.

The opinions expressed within this newsletter are those of the individuals concerned and not necessarily those of their employers or of ACDM. All advertisements included with it are done so independently and the Editor reserves the right to refuse any, which, in his opinion, do not conform with ethical advertising standards.

Designed and Produced by Character Design  
Tel. 01981 541154 • [info@characterdesign.co.uk](mailto:info@characterdesign.co.uk)

## NEWSLETTER DEADLINES AND PUBLICATION DATES

If you would like to submit an article to the Newsletter or include an advertisement, then the following dates will help you plan:

Issue	Copy Deadline	Publication
Autumn 2013	13 September	4 November
Winter 2013-14	13 December	3 February 2014

## ACDM eShots

ACDM notices can be included in our twice monthly eShots sent around the 1st and 15th of each month. ACDM advertisements should be emailed to the ACDM office 6 working days in advance.

## ACDM ADVERTISING

You can now advertise with the ACDM in the following ways:

- eShots are informative email communications sent to all registered members and non-members, highlighting relevant news and events from the ACDM and across the industry. Your advertisement will be included at least twice a month.
- *Data Matters* features articles on industry news and issues and ensures your advertisement will be viewed by an active audience of more than 1,200 data management professionals.
- Web Site [www.acdm.org.uk](http://www.acdm.org.uk) now provides prime banner advertising space as well as the classifieds section where your advertisements cannot fail to be noticed.

Not only will your advertisement reach all ACDM members but also the wider community of data management and other professionals who access the website directly or click through from our eShot.

## ACDM ADVERTISING RATES

Effective from 1st February 2010

### Newsletter

Full Page Colour*	£300
Half Page Colour*	£200

### Web Advertising (under recruitment or services)

One month*	£150
Renewal per month (no changes)	£100
Annual advert (up to 6 updates)	£700

### Website Banner advert – Home page

One month	£200
Renewal per month (no changes)	£100
Annual advert (up to 6 updates)	£700

### Website Banner advert – other pages (excluding home page)

One month	£150
Renewal per month (no changes)	£100
Annual advert (up to 6 updates)	£700

### eShot advertising

One month (eShot sent at least twice a month)	£150
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\* bulk discounts available – please contact the ACDM office for details  
(Tel: +44 (0) 1727 896080, email: [admin@acdm.org.uk](mailto:admin@acdm.org.uk))

Download the latest advert specification sheet from the adverts section of [www.acdm.org.uk](http://www.acdm.org.uk)

All items, excluding membership and publications, will be subject to VAT

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Paul Fardy – ACDM Chair

# Helping Shape Such an Important Initiative

This summer has proved a success in many aspects of British life.

**W**e've had the first winner of the Men's Wimbledon Championships in 77 years (Andy Murray), the second year in succession a British cyclist has won the Tour de France (Chris Froome), the British Lions rugby team won a test series for the first time in 16 years (against Australia) and the third in line to the throne (Prince George of Cambridge) was born. England's cricket team are also well on the way to winning the Ashes (against Australia again!)

In the Pharma world, there have been ongoing discussions around data transparency, and a number of companies have committed to sharing clinical trial data with the general public in order to alleviate concerns over hiding data. In June the European Medicines Agency (EMA) released a draft policy on publication and access to clinical-trial data for a three-month public consultation. The policy should come into force on 1st January 2014, so I would urge you to make yourself aware of the policy, both from a general interest and professional perspective. It is important that Data Management takes a proactive approach to ensure that the profession has a voice in helping shape such an important initiative.

There is a new Committee being formed within the ACDM, eClinical. This will be a great opportunity for people to share ideas, experiences and increase knowledge about all things related to the world of 'e'. The first meeting is now being organised, and will be publicised by the ACDM through its website and eShot in the coming weeks.

Enjoy the rest of the Summer, and let's see if there are more celebrations to enjoy over the coming months.

## Why advertise here?

- Delivered to more than 1,000 professionals every two weeks
- Increase your visibility
- Targetted advertising

For more information visit  
[www.acdm.org.uk](http://www.acdm.org.uk)

ACDM **HOT TOPIC****i-Do Data Management**

What is now prevalent in the Pharma Industry is how we can design our trials to be within easier reach of the patient. With technology exploding, we can change the way we collect data and deliver trials.

Whether you would like to hear about using videos to educate patients on informed consent, or apps to encourage drug compliance, or equipping patients with biosensors to aid effective data collection, your contribution to this Hot Topic will allow you to explore others' experiences in how technology is effectively supporting what we do.

Why not join us to discuss this interesting topic and give us your perspective and share your experiences with others across the industry on **11th December @ 12pm GMT**.

These interactive sessions will be totally **FREE of charge to members** and will be around an hour long.

To take part in the teleconference discussion, please email [admin@acdm.org.uk](mailto:admin@acdm.org.uk) to confirm your attendance to the host – Sara Alalouff who will provide you with dial in details.

**HOT TOPIC**

Coming soon **Big Data and MHRA Hot Topic Discussions** – details will be published on the ACDM website [www.acdm.org.uk/eventsmenu.aspx](http://www.acdm.org.uk/eventsmenu.aspx)



Newsletter  
Committee

**Want to Join the ACDM Newsletter Committee?**

Would you like to broaden your network and increase your profile throughout the Data Management community? We are looking for data managers to join us on the newsletter committee to share skills and experiences with other data managers from across the UK. As a newsletter committee member, there are quarterly meetings to attend and you will be liaising with internal and external Data Management partners to gather articles on hot topics in our field. Your creative ideas will also be welcomed for future newsletter themes.



If you are interested in this great opportunity, please email [admin@acdm.org.uk](mailto:admin@acdm.org.uk)

**J.C. Amos Award For Data Matters Newsletter Article – 2013/2014**

At the 2014 ACDM Annual Conference a J.C. Amos Award will be presented for the 'Best ACDM newsletter article' written in 2013/14. All articles published in this newsletter and future issues up to Winter 2013-14 will be entered into the competition for a chance to win an award for their article & £500 cash. So get writing and email your articles to [admin@acdm.org.uk](mailto:admin@acdm.org.uk)

DISCUSS  
MEET  
SHARE  
LEARN

Why not  
join one of  
the ACDM  
Special Interest  
Groups?

For more information visit  
[www.acdm.org.uk](http://www.acdm.org.uk)



**The ACDM Training Committee wishes  
you Happy Summer Holidays!**

**\*\*New for 2013/2014\*\***

## **Plan your Data Management Learning with the ACDM's Interactive Training Roadmap**

The new Training Roadmap will help you to discover which training courses are best for your current role, and to see which ones will help you continuously improve and develop into your next role. You can search for training by topic, role and delivery mechanism. Select any course and view a full synopsis, trainer biography and pricing.

Why not register for our upcoming training courses this quarter, there is something for every level:

**Click on the headings below for more information:**

**\*\*New\*\* Working with RECIST 14 August 2013**  
Learn practical tips and recommendations for how the criteria are used in oncology trials along with tips to aid data review

**CDISC Fundamentals for Data Managers**  
Improved and updated based on suggestions from last year's delegates, this two part webinar series will help you understand the CDISC standards and in particular SDTM and CDASH

**\*\*New\*\* Level Three Certificate in Clinical Data Management 18/19 September 2013**  
Based on our very successful Project Management for Clinical Data Management course but with important new additions, including and of course the end of course examination

We collect feedback from each person who completed an ACDM training course. Over the last year 75% of the trainees provided feedback by using the Survey Monkey web survey tool. Here's what trainees on ACDM courses are saying:

- "Found the tools introduced very useful and something I can take back and implement in my place of work"

- "Flexible trainer was able to answer specific DM-related issues in an informative way"
- "The interaction with other colleagues and the exercises were helpful"

Based on feedback we are implementing the following new pricing options for 2013/2014 making our training more accessible to ACDM members:

- Multiple booking discount
- Payment plans for freelancers
- Discounts for academic and public sector research units

We will also be running all our classroom courses in mainland European locations during the next year making it easier and more cost effective for more of you to attend.

Full details of all ACDM public classroom and webinar training offerings for 2013/2014 are available on the ACDM website either from the Training Roadmap or Events pages  
Events page - <http://www.acdm.org.uk/eventsmenu.aspx>  
Training page - <http://www.acdm.org.uk/training.aspx>.

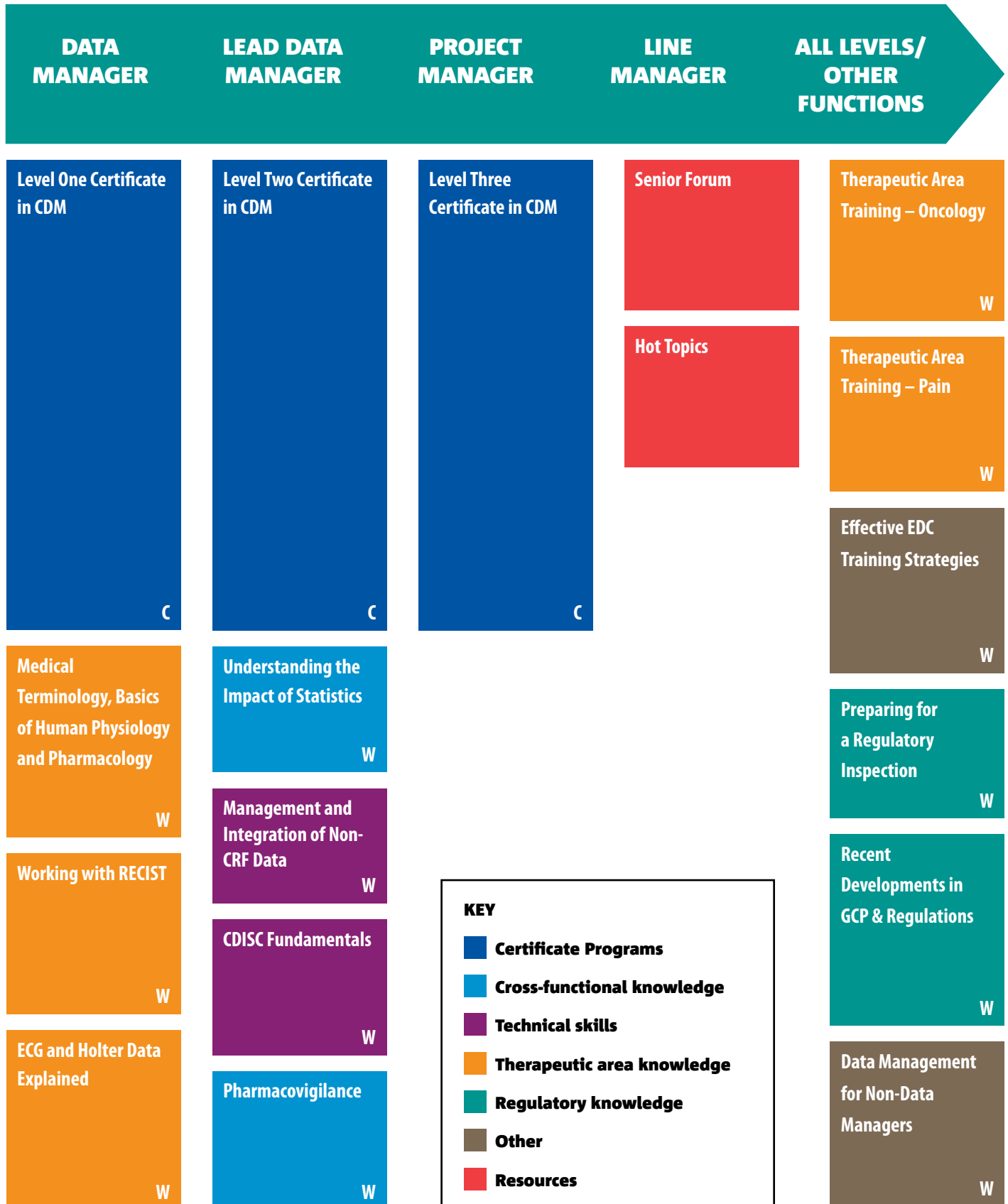
If you have a number of people who would benefit from the same course or series of courses the ACDM also offers in-house trainings at your own premises and tailored for your needs. Please contact us for more information and to discuss your specific requirements.

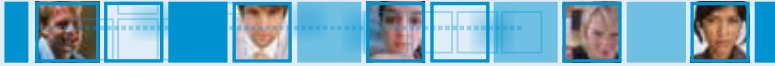
***We look forward to seeing you at an ACDM Training course soon!***

**Registration Information:**

**Contact the ACDM office today [admin@acdm.org.uk](mailto:admin@acdm.org.uk) or +44 (0)1727 896080**

## ACDM's Interactive Training Roadmap





# • • • CALL FOR PAPERS • • •

## ACDM Annual Conference

9 – 11 March 2014 • Wokefield Park, Reading, Berkshire, UK

Following the successful move to Wokefield Park, the ACDM are set to return to this venue for the annual conference in 2014. Situated in Berkshire it is easily accessible from the M4 and close to Reading for direct trains to and from London. With Heathrow close by, international delegates and speakers will find it a convenient location to reach.

Building on the success and momentum of the 2013 ACDM conference, we will continue to focus on delivering an event based on our three core principals; networking, education and support.

To support this, the ACDM conference committee are now seeking the submission of original, unpublished papers in any area appropriate to Clinical Data Management for consideration as oral presentations. We support papers being submitted by members and non-members equally.

### Suggested categories include:

- Professional development
- Data management evolution
- Industry strategy
- Innovation
- Big data
- Data management in academia

The conference committee will review all abstracts and select presentations based on set criteria.

### **The closing date for receipt of abstracts is Monday 16th September 2013**

Following the closing date, acceptance letters will be sent to successful submissions by Monday 23rd September 2013. Confirmation of acceptance to be received by Monday 30th September 2013.

Final agenda release Friday 18th October 2013

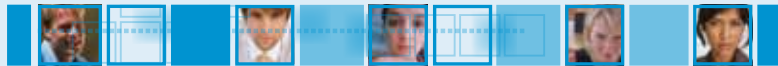
Abstracts should be submitted via email to [admin@acdm.org.uk](mailto:admin@acdm.org.uk)

For instructions on the content, style, and format of your abstract, see guidelines on the next page and to download a submission form go to [http://www.acdm.org.uk/event\\_172.aspx](http://www.acdm.org.uk/event_172.aspx)

Please note that abstracts that do not conform to these instructions will be rejected.

**Any enquiries about abstract submissions should be directed to  
[admin@acdm.org.uk](mailto:admin@acdm.org.uk) or by calling 01727 896080**





# Abstract Submission Guidelines

Contributions from both members and non members on any area of Clinical Data Management are invited for presentation at the ACDM conference as oral presentations. Suggested categories include:

- Professional development
- Innovation
- Data management evolution
- Big data
- Industry strategy
- Data management in academia

The conference committee will review all abstracts and select presentations based on set criteria.

## FORMAT OF ABSTRACT

An official abstract submission form must be used; you should use the word template provided at [http://www.acdm.org.uk/event\\_172.aspx](http://www.acdm.org.uk/event_172.aspx). The abstract must contain:

- a title
- a brief introduction including a statement of objectives or research question
- a description of the methods used
- results obtained – all submissions must contain some data or results
- a discussion of the implications of the results
- no more than four references

**Please note that abstracts that do not conform to this format will be rejected on receipt and will not be considered by the conference panel.**

## PREPARATION OF ABSTRACTS

Abstracts must be typed in 11-point Times New Roman font (or equivalent) in a single column and fit within the parameters of the abstract submission form. Abstracts which do not fit within these parameters will not be considered. **The word count for the abstract should be**

**a maximum of 250 words (including tables but excluding references).** If a table or figure is included, it should be typed in font size 9. References should also be typed in font size 9. Any table should be formatted using the word facility. Any figure should be black and white and capable of being reproduced clearly when reduced to 55mm wide. If a figure is included, it should be supplied with a high resolution image file in a popular format such as TIFF or JPEG.

## STYLE

Abstracts should be submitted using the following style:

- do not underline or use italics, except as required by usual convention
- do not use rules (lines) in a table except on the top and bottom
- references (maximum of four) should be cited in the text as superscript numbers. At the end of the text, number and list the references in the order in which they occur with surname(s) and initials, title of the article, abbreviated name of the journal, year, volume number and first and last page numbers

## HOW TO SUBMIT YOUR ONLINE ABSTRACT SUBMISSION:

Your abstract should be submitted via email to [admin@acdm.org.uk](mailto:admin@acdm.org.uk) using the ACDM abstract submission form.

On the abstract submission form provide the following information:

- Name and contact details of the corresponding author and the presenting author
- The category for submission

Abstracts will only be accepted via email using the ACDM abstract submission form. Any abstract received after the closing date will not be accepted.

The closing date for receipt of abstracts is: Monday 16th September 2013

## ACKNOWLEDGEMENT OF ABSTRACT

Each submission will be acknowledged to the corresponding author on receipt and assigned a unique Abstract Number. This number must be quoted in any correspondence. Any enquiries should be made to [admin@acdm.org.uk](mailto:admin@acdm.org.uk).

## ACCEPTANCE

Abstracts will be reviewed by the conference committee. The corresponding author will be advised of the outcome by Monday 23rd September 2013.

The corresponding author is responsible for notifying these details to other authors, including the presenting author.

Abstracts, once accepted for publication, cannot be changed (except as identified by the conference committee) or withdrawn.

## REGISTRATION

**All presenters must register and pay for the conference by the 23rd October.**

Presenters who do not register and pay by the 23rd October will have their abstract withdrawn with immediate effect.

## ORAL PRESENTATIONS

Full instructions will be provided following the acceptance of submissions, but for initial guidance presentations will be between 30 and 50 minutes, followed by a 10 minute period for discussion. Corresponding authors will be notified if their abstract has been selected and the duration of their presentation.

## PUBLICATION

All accepted abstracts presented at the Conference will be available at the Conference.



# Decoding Intelligent Path for Clinical Data Management!

‘Therapeutic Cure’ is like a magic pill to a diseased person. How a person is cured? It is either through medicines, medical devices or strong psychological support. The medicine and medical devices have their evidences embedded within clinical trial data.

The true process of cure begins when the trial data is published with accuracy. Growing data volumes are making data management increasingly costly and labor intensive.<sup>1</sup> Clinical trials emerged way back in 1747 with the famous ‘Scurvy Trial’ by James Lind, since then data management has evolved step by step. With enduring hurdles the task of managing data efficiently has become tiring and crucial. As the complexity of Clinical trials broadens there is a decline in streamlining, performance and quality of data management practices. In today’s high-tech world where electronic data is the currency of every individual – let alone sophisticated pharmaceutical companies – it is no surprise that clinical trial data has been a key focus for technology vendors serving the pharmaceutical market.<sup>2</sup>

As per data managers, there are four broad areas of hurdles which test the intelligence of the data managers. To overcome these, there is a need to rediscover the potential within. Working out on each issue and designing an effective path one can surely win over these hurdles (Fig.1). The hurdles mainly covers four domains i.e. archiving the data, learning and development of staff through extensive training, self-motivation with development with uniform standards across the process and teams. Progress has been made in developing the rigorous systems to improve data capture and management however; there has been less emphasis on developing the talent pool handling the data. Also, the large amount data generated poses a threat from environment. Now, there can be multiple sources of data due to outsourcing of data management activities.

Hence, no one solution can resolve the issues in one go. By combining ideas and action, the pharmaceutical companies can alter the threats. National Cancer Institute (NCI) estimated that its clinical studies required 100,000 pages of documents in 2010, which meant a great deal of time and money was spent faxing or mailing these papers to the FDA.<sup>3</sup> Going forward things will not simplify it will grow complex and tedious as more than hundreds of mind work on the similar data at one time. For many organizations, lack of uniformity in applying policies and standards can affect the data growth. Being a regulatory fearing industry, the organizations can face the penalties if they do not retain the information as demanded by the authority.

There exists a need to address the challenges created by external and internal environment of the data management. Hence, a comprehensive approach namely ‘Seven habits for intelligent Clinical Data Management’ which can map the entire data management cycle is required. Data

management cycle starts right from the recruiting the efficient staff, training, designing the database, following the standards, data capture, data management and finally archiving the data.

What are these seven beneficial habits (Fig.2) which a data manager can imbibe in their day to day activities?

## Seven habits for intelligent Clinical Data Management

**Embrace the technology** – To overcome the hurdles of archiving and data management issues, electronic data capture and archiving is the key to problem. By using digital store and access data managers can manage and store the information for the required time-period. As modern human beings, we have to embrace the advancements in technology. By DE duplication, we can facilitate redundancy and multiple copies of the same data files.

**Train your brains** – In the changing era of development; there is a need to

Fig.1. Hurdles and related domains

<p><b>Archival Issues</b></p> <ul style="list-style-type: none"> <li>• Voluminous data</li> <li>• Confidentiality of records</li> <li>• Physical safety of documents</li> <li>• Electronic archival</li> </ul>	<p><b>Training and Development</b></p> <ul style="list-style-type: none"> <li>• Learning</li> <li>• Specific modules</li> <li>• Soft skills</li> <li>• Technical modules</li> </ul>
<p><b>Self-development Issues</b></p> <ul style="list-style-type: none"> <li>• Lack of communication</li> <li>• Team work and issues</li> <li>• Lack of confidence</li> </ul>	<p><b>Uniformity &amp; standards</b></p> <ul style="list-style-type: none"> <li>• Awareness of standards</li> <li>• Implementation of new standards</li> <li>• Standard operation procedures</li> <li>• Multiple data sources</li> </ul>

**Fig.2. Seven habits for intelligent Clinical Data Management**



continuously train our brains with updating the old information. This deletion and addition of new knowledge can transform the personality as data managers. New trainings with introduction of technical modules can enhance our knowledge as well as keep us ready in the practical scenario.

**Archive to survive** – Archiving is moving valued data from high cost ever changing environment to fixed and read-only storage. To have unified storage of the documents, there is a need to create space reclamation where data of high importance is stored. And one can retrieve but do not alter the same data as required by high officials.

**Gel-well** – Team and Team-work are crucial aspects of data management. Conflict management should be embedded in the system so as to encourage harmony within the team and its members.

**Be uniform to evolve** – Establishing standards that apply across a process as complex and as highly regulated as managing the clinical trial data is a huge task. It is necessary that the data managers use the same guidelines and standards to give right specification to the clinical data. The teams handling the data do not always, but it is all about the data and getting the results in a timely fashion.

**Coordinate to Collaborate** – Being a

global field, people from different socio-cultural background come together and work on the same operating platform. Hence, if a data manager do not collaborate and work there is a chance of losing crucial information. It could be believed that the success of clinical data management is strongly related to the coordination and collaboration between the two parties.

**Go-Getter** – Self-motivation and encouragement keeps the ship of Clinical Data Management activity sailing. Unless the person is enthusiastic to earn success and is Go-Getter it would be difficult to reach the end-game of successful of study close-out. Hence, rewards and performance recognition really gives an edge to the data managers to perform well in their activities.

**The 21st Century Data Manager:** In the current Data Management climate a clinical data manager have to be flexible – go where the opportunities are, but determine the true extent of the flexibility. Data Management is a niche market with only a finite number of jobs – and these are changing. Movement in global recruitment of patients, the rise of electronic source and developing technologies all lead to new opportunities – actively look for these. The Data Manager of current era has to have many skills to develop trust, loyalty and good working relationships

within the virtual teams of the clinical research world. Smart Data Manager now requires a broader scientific background and must have the essential ‘soft skills’ of Leadership i.e. to help drive study team and achieve project goals, Effective communication – the key to success in both work and life, Motivation, Building relationships and customer orientated, Flexible thinking – open to new ideas, innovative, Prepared to change direction, Proactive (not reactive) and Negotiation – to facilitate dialogue between parties and reach agreement.<sup>4</sup>

The Clinical Data Management industry is a focused and global platform. In this, it is essential to develop smart and dynamic data managers to be at par in all the areas of clinical data management i.e. standards, training, handling huge data sets, electronic data, working with the global teams and maintain the data quality across the studies. The old perspective of the clinical data management are slowly getting redefined over a period of time as traditional practices of clinical data management are eventually changing in with the budding areas of the clinical informatics.

#### References:

1. Benaroch K and Colucci J (2010) Taking an intelligent data management approach to archiving data, Dell Power Solutions, Issue 3.
2. Howard S, Push for paperless trials, World Pharmaceutical frontiers.
3. Whitepaper\_ Research Collaboration In The Cloud.pdf (Website: accessed on 25th July 2013: <http://www.safebiopharma.org/infocenter/>)
4. Bhati, DK, “Informatics in clinical trials: Evidences from Clinical Data Management,” *Medical Informatics and Telemedicine (ICMIT), 2013 Indian Conference on*, vol., no., pp.23,28, 28-30 March 2013 doi: 10.1109/IndianCMIT.2013.6529402

**Divya K Bhati,**  
**Institute of Health Management**  
**Research, India**

## AUGUST

14

-  **ACDM Webinar**  
RECIST Criteria a Practical Guide for Data Managers  
12:00 – 13:30 GMT

29

-  **SCDM Webinar**  
CDISC

## SEPTEMBER

06

-  **ACDM Webinar**  
Level One Certificate in CDM - Part 1 of 8  
12:00 – 13:30 GMT

11 & 27

-  **ACDM Webinar**  
CDISC Fundamentals for Data Managers  
12:00 – 13:30 GMT

10-13

**SCDM**  
Annual Conference  
*Tbc, Chicago*

17 & 19

**ACDM**  
Level Three Certificate in Clinical Data Management  
2 day course  
*Maidenhead, UK*

30 Sept – 03 Nov

-  **SCDM Online Course**  
Processing Lab Data

## NOVEMBER

04 Nov – 08 Dec

-  **SCDM Online Course**  
CRF Design


04-08

**CDISC**  
International Interchange  
*Bethesda North Marriott Hotel and Conference Center, 5701 Marinelli Road, North Bethesda, MD 20852*

12 Date TBC


-  **ACDM Webinar**  
Recent Developments in GCP & Regulations from a Data Management Perspective  
12:00 – 13:30 GMT

21

-  **SCDM Webinar**  
Risk-based Quality Management


## DECEMBER

3


-  **ACDM Webinar**  
Preparing for a Regulatory Inspection  
12:00 – 13:30 GMT

## JANUARY 2014

21 Date TBC

-  **ACDM Webinar**  
Management & Integration of Non-CRF Data  
12:00 – 13:30 GMT

24

-  **ACDM Webinar**  
Medical Terminology, Basics of Human Physiology and Pharmacology  
12:00 – 13:30 GMT

## FEBRUARY 2014

12

-  **ACDM Webinar**  
Effective EDC Training Strategies  
12:00 – 13:30 GMT

25 & 26

**ACDM**  
Level Two Certificate in Clinical Data Management  
2 day course + exam  
*Maidenhead, UK*

## MARCH 2014

05

-  **ACDM Webinar**  
Understanding the Impact of Statistics on the Design, Conduct & Reporting of Clinical Trials  
12:00 – 13:30 GMT

09- 11

**ACDM Annual Conference 2014**  
*Reading, UK*

## MARCH 2014

12 & 27

-  **ACDM Webinar**  
CDISC Fundamentals for Data Managers  
12:00 – 13:30 GMT


## APRIL 2014

15 Date TBC

-  **ACDM Webinar**  
ECG and Holter Data Explained  
12:00 – 13:30 GMT

## MAY 2014

14 Date TBC

-  **ACDM Webinar**  
RECIST Criteria a Practical Guide for Data Managers  
12:00 – 13:30 GMT

## JUNE 2014

17-18

**ACDM**  
Level One Certificate in CDM (includes exam)  
2 day course + exam  
*Maidenhead, UK*

ACDM events can be booked online at [www.acdm.org.uk](http://www.acdm.org.uk)

### For ACDM events contact:

Association for Clinical Data Management  
105 St Peter's Street  
St Albans, Herts AL1 3EJ  
Tel: +44 (0) 1727 896080  
Fax: +44 (0) 1727 896026  
Email: [admin@acdm.org.uk](mailto:admin@acdm.org.uk)

ACDM membership can be applied for via the internet at [www.acdm.org.uk](http://www.acdm.org.uk), or call the ACDM Office for an application form.

For ACDM events: [www.acdm.org.uk](http://www.acdm.org.uk)  
For BARQA events: [www.barqa.com](http://www.barqa.com)  
For CDISC events see: [www.cdisc.org](http://www.cdisc.org)  
For CR-CSV events: [www.cr-csv.org](http://www.cr-csv.org)  
For DIA events: [www.diahome.org](http://www.diahome.org)  
For eClinical Forum events: [www.eclinicalforum.com](http://www.eclinicalforum.com)  
For ICR events: [www.instituteofclinicalresearch.org](http://www.instituteofclinicalresearch.org)  
For ISOPE events: [www.isoonline.org](http://www.isoonline.org)  
For MHRA events: [www.mhra.gov.uk](http://www.mhra.gov.uk)  
For PSI events: [www.psiweb.org](http://www.psiweb.org)  
For SCDM events: [www.scdm.org](http://www.scdm.org)  
For TOPRA events: [www.topra.org](http://www.topra.org)

## ACDM DIRECTORS

<b>Paul Fardy</b> CROS NT	<b>Tel</b> 07527 579214 <b>Email</b> p.fardy@virgin.net
<b>Emmet Browne</b> Cmed	<b>Tel</b> 07776 213884 (mobile) <b>Email</b> ebrowne@cmedresearch.com
<b>Andrew Green</b> INC Research	<b>Email</b> andyogreen@aol.com.
<b>Andrew McGarvey</b> CROS NT	<b>Email</b> andrew.macgarvey@crosnt.com
<b>Sara Alalouff</b> Roche Products Ltd	<b>Tel</b> 01707 365811 <b>Fax</b> 01707 384139 <b>Email</b> sara.alalouff@roche.com
<b>Ian Pinto</b> Roche Products Ltd	<b>Tel</b> 01707 365904 <b>Fax</b> 01707 384513 <b>Email</b> ian.pinto@roche.com
<b>Jon Wood</b> Syne Qua Non	<b>Email</b> jon.wood@synequanon.com
<b>Adam Walker</b> Independent	<b>Email</b> mradamwalker@hotmail.com

## COMMITTEES

<b>Conference</b>	<b>Laurence Ghafar</b> Roche Products Ltd	<b>Tel</b> 01707 366000 <b>Fax</b> 01707 384513 <b>Email</b> laurence.ghafar@roche.com
<b>International Collaboration</b>	<b>Eva Hammarström-Wickens</b> Orion, UK	<b>Tel</b> 0115 948 7116 <b>Fax</b> 0115 948 7119 <b>Email</b> eva.hammarstrom-wickens@orionpharma.com
<b>Newsletter</b>	<b>Nazma Ahmed</b> GlaxoSmithKline R&D	<b>Tel</b> 020 8990 2968 <b>Fax</b> 020 8990 3511 <b>Email</b> nazma.5.ahmed@gsk.com
<b>Public Relations &amp; Website</b>	<b>Ian Pinto</b> Roche Products Ltd	<b>Tel</b> 01707 365904 <b>Fax</b> 01707 384513 <b>Email</b> ian.pinto@roche.com
<b>Training</b>	<b>Susy Laws</b> SLD Solutions Limited	<b>Tel</b> 07973 820519 <b>Email</b> susy.laws@sldsolutions.co.uk
<b>Senior Forum</b>	<b>Andrea Robinson-Smith</b> Amgen Ltd	<b>Tel</b> 01223 436281 <b>Email</b> andrea@amgen.com

## SPECIAL INTEREST GROUPS

<b>CDISC</b>	<b>Alan Cantrell</b> PAREXEL International	<b>Tel</b> 01142 251351 <b>Fax</b> 0114 225 1001 <b>Email</b> Alan.cantrell@parexel.com
<b>Coding &amp; Dictionaries</b>	<b>Josephine Staniforth</b> Roche Products Ltd	<b>Tel</b> 01707 366000 <b>Fax</b> 01707 323222 <b>Email</b> josephine.staniforth@roche.com
<b>Electronic Data</b>	<b>Richard Young</b> Medidata	<b>Email</b> edcsig@acdm.org.uk
<b>Project Management in Data Management</b>	<b>TBA</b>	<b>Tel</b> ..... <b>Fax</b> ..... <b>Email</b> .....