

Therapeutic Endoscopy Training for Endoscopy Nurse assistants & Nurse Consultants(TECNA) : A prospective survey

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Stockholm



Background

- Need for adequately trained endoscopy nurse
- Continuing development of various new endoscopy accessories
- Complex endoscopic procedures needing skill mix/knowledge
- Endoscopy is associated with morbidity/mortality

Background

- Currently **no mandatory, standardised, formal training courses** for endoscopy nurse assistants
- Need for the **appropriate skill mix** for emergency therapeutic endoscopy(Gut 1991. 32(1): 95-105
- **High therapeutic burden** associated with the introduction of bowel cancer screening programme in the UK
- Lack of **accredited courses**

OBJECTIVES OF THE COURSE

- 1. To enhance **core knowledge** in Therapeutic Endoscopy
- 2. Familiarise with various **Therapeutic procedures** in Endoscopy
- 3. **Gain hands on experience** with endoscopy accessories
- 4. To be **confident** in assisting the operator
- Combination of **lectures /practical sessions/course manual**



TECNA TRAINING COURSE



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TECNA COURSE: Practical sessions



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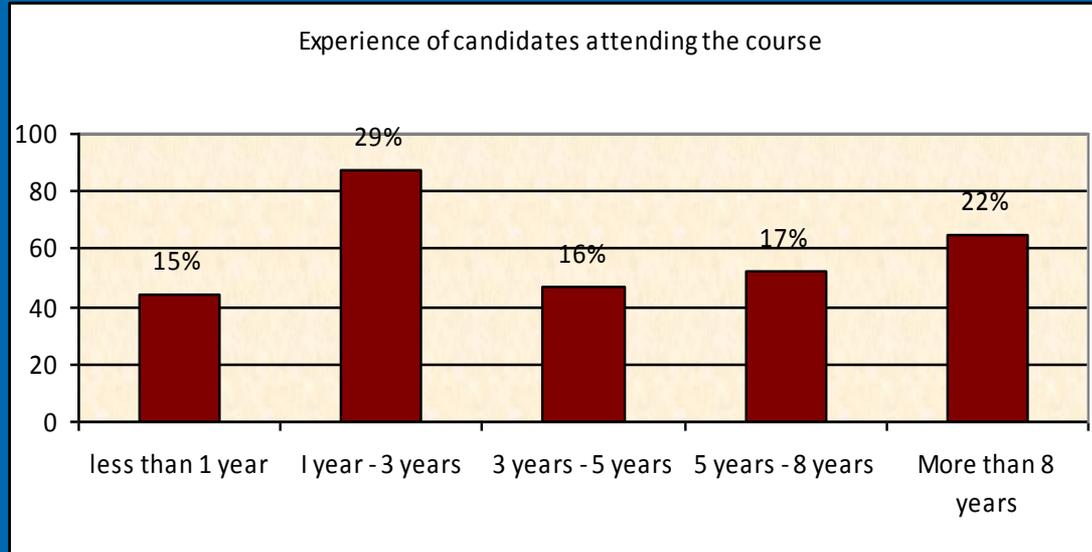
TECNA COURSE

Prospective survey

- Total number of delegates attended (7 TECNA courses at 2 venues :Bristol & Manchester) = **420**
- Questionnaires returned = **301** .
- Response in percentage = **71.6 %**

Delegates :Work Experience

- Experience of delegates attending the course – were all endoscopy staff



- Out of the 301 delegates who returned completed questionnaires – 98% of the attendees replied with an answer.

- Range of experience: 0 -35 years

- Average experience of attendee: 5 years

- Median experience of attendees: 3 years

- Mode experience of attendees: 1 year (most frequently entered age)

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Previous courses attended

Candidates Comments	Responses Number
Yes	166 = 55% <ul style="list-style-type: none">● Company supported = 38● National course = 46● Regional course = 54● Unit Teaching = 18● Blank = 10
No	129 = 42.8 %
98% of delegates responded	

Mandatory training for Endoscopy nurse Assistants

- Training courses to be made mandatory for all Endoscopy nursing staff within first year of joining a unit

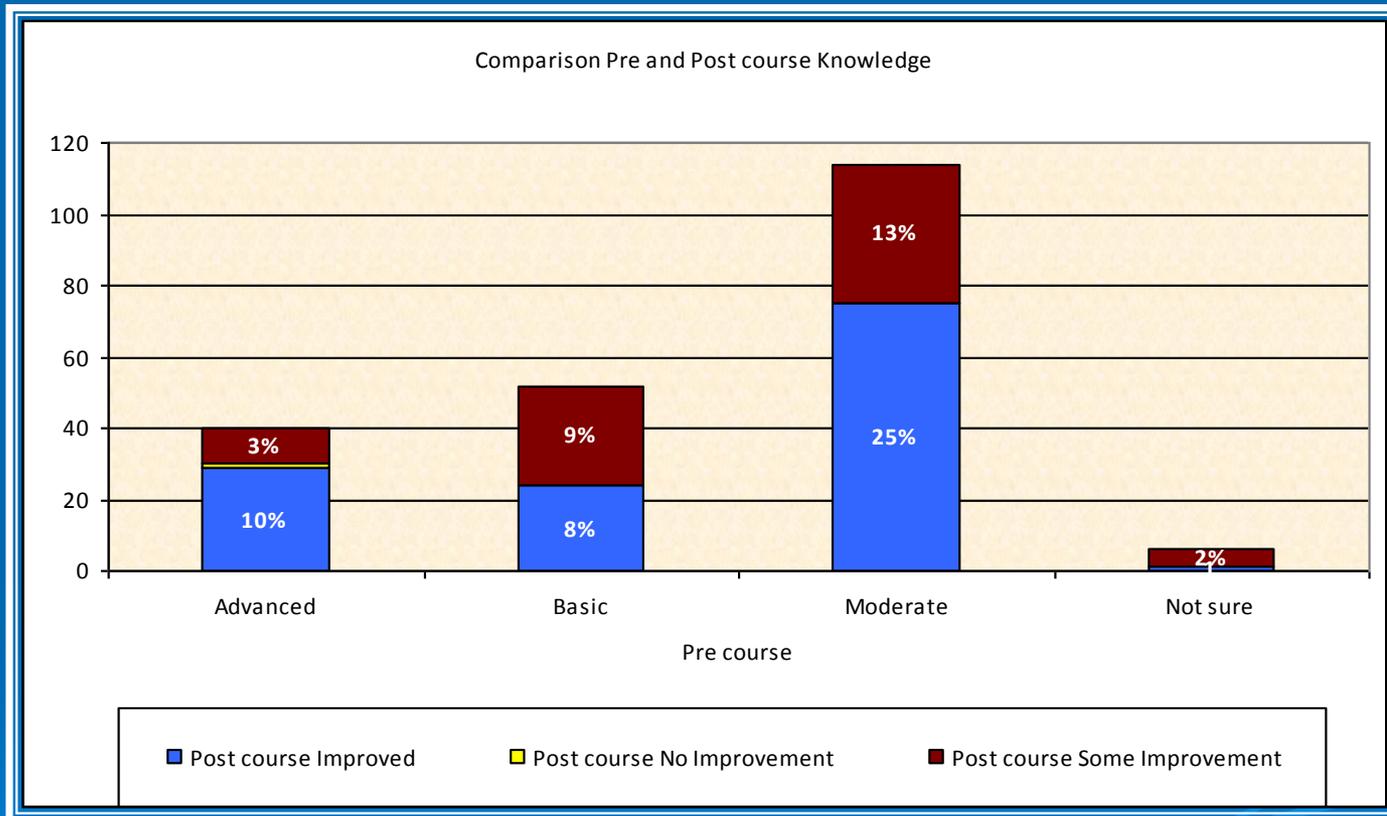
Yes	280	93%
No	16	5%
<u>No comments</u>	5	2%

Developing 'Therapeutic Endoscopy Assistants' "TEAs"

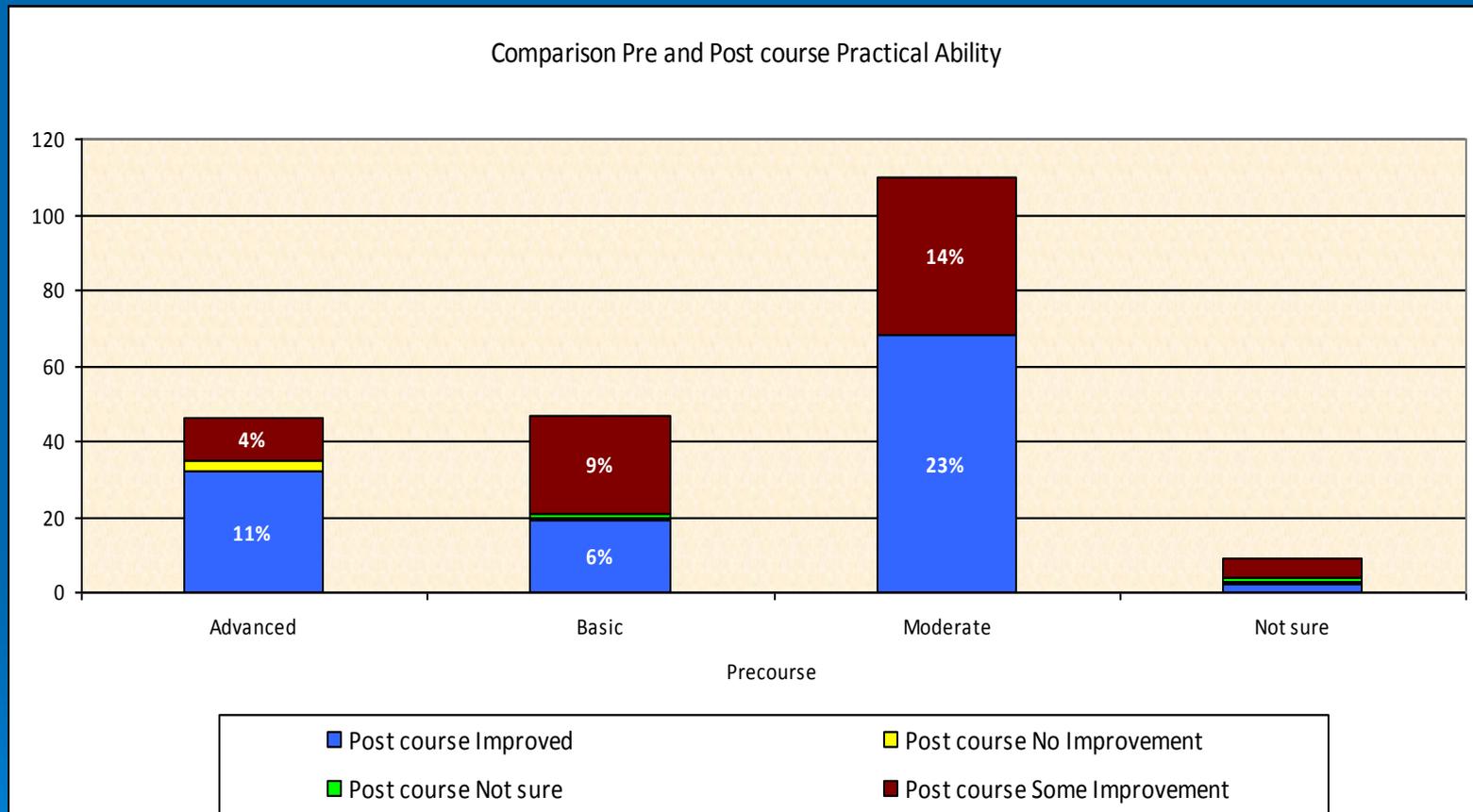
- Responses from the course re developing above with special interests, e.g. EUS/ERCP etc.

Yes	214	71%
No	13	4.3%
Not Sure	70	23.2%
Blank	4	1.3%

Pre and Post Course Knowledge

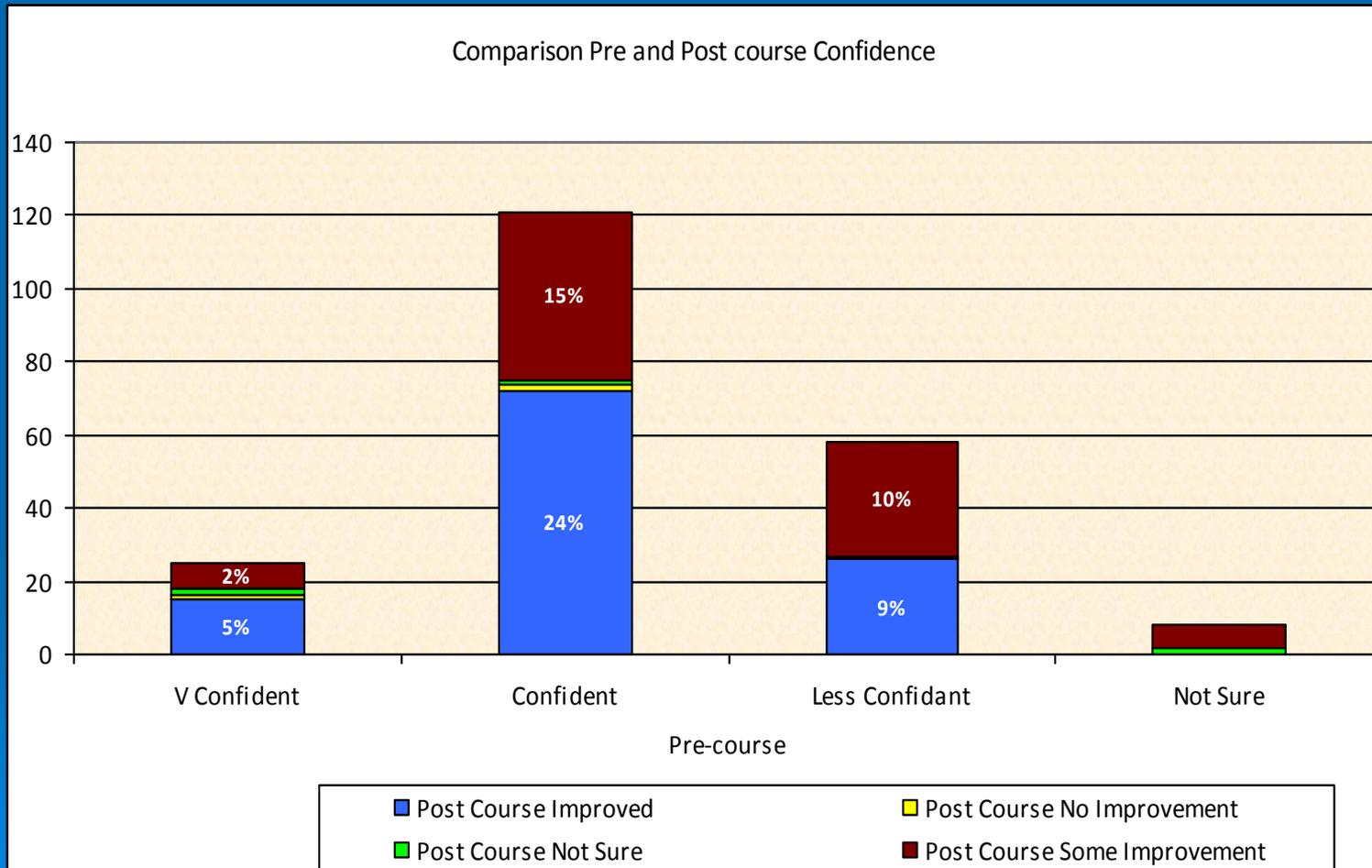


Pre and Post course Practical Ability



Pre and Post course Confidence

67% had some improvement following the course(203/301)



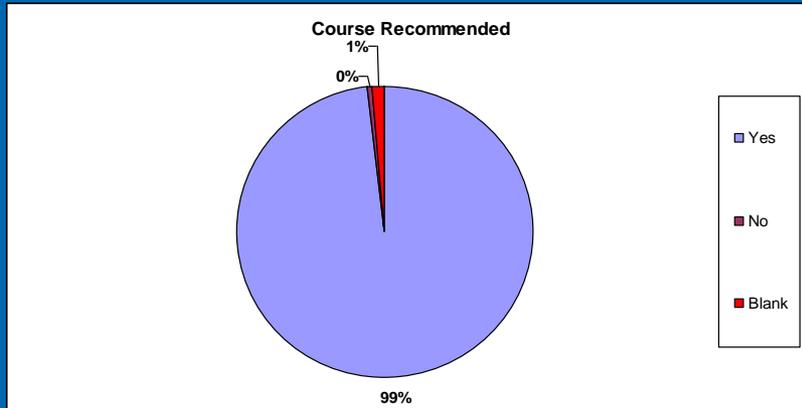
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Delegate :Course funding

FUNDING SOURCE		
SELF FUNDING	20	7%
INSTITUTION	204	68%
INDUSTRY SUPPORTED	7	2%
CHARITY SUPPORTED	6	2%
BLANK/OTHER	52/12	17%/4%

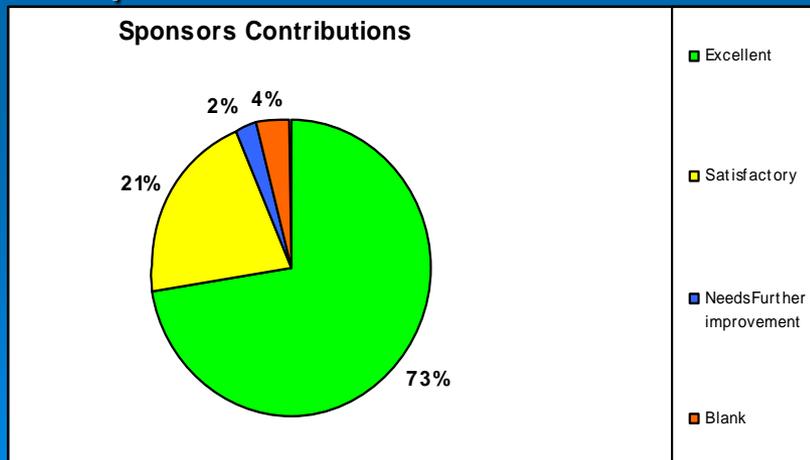
Other Responses

- Would recommend the course



Yes	296	99%
No	1	0%
Blank	4	1%

- Sponsors Contributions



Excellent	218	73%
Satisfactory	64	21%
Needs further improvement	7	2%
Blank	12	4%

Conclusions

- There is a **need for mandatory /standardised training courses-nationally/Pan -European**
- **Developing tailored courses to meet specific needs** and to keep updated
- **Collective/collaborative working** with various societies nationally /Pan-European level would be desired .

ESGENA NEWS LETTER 2011

TECNA @ ESGENA

2011-1

EIGHTH THERAPEUTIC ENDOSCOPY COURSE FOR ENDOSCOPY NURSE ASSISTANTS AND NURSE CONSULTANTS (TECNA), BRISTOL, 11 FEBRUARY 2011



Dr. Amanda Beale, Dr. R. Saravanan, Jayne Tillett and Jadranka Brijak (from left to right)

The TECNA course was developed by Dr. Ramasamy Saravanan following a period he spent in Toronto, Canada. A pilot course was run at Bristol Royal Infirmary in 2008, and the courses are now held twice a year – one in Bristol and the second in Manchester. The course is recognized by the Royal College of Nursing (RCN) as an accreditation unit with a value of 8 study hours.

To date, 300 nurses have attended the course, including delegates from the UK and other countries, both from Britain's National Health Service and the private sector. The course is supported by the industry and by a consultant faculty. After each course, delegates are asked to complete a feedback form, which is evaluated in order to develop the course further.

The aims of the course are:

- To enable participants to understand the basic core principles involved in therapeutic endoscopy and the indications for interventional therapy
- To familiarize participants with the equipment used for different procedures and to give them hands-on experience
- To make participants confident in providing assistance during procedures

The TECNA course was developed by Dr. Ramasamy Saravanan following a period he spent in Toronto, Canada. A pilot course was run at Bristol Royal Infirmary in 2008, and the courses are now held twice a

A total of 55 nurses took part in the course, which consisted of two sections, on theory and practice, with oral presentations on basic procedures such as diathermy and haemostasis. Following seven lectures in the morning, the delegates split up into four groups for the hands-on workstations, with 25 minutes on each of the four stations, with support from the medical companies and their equipment. In the afternoon, the course covered emergency endoscopy, dilation and other topical issues, with further practical skills at workstations.

The course is a valuable learning tool for endoscopy nurses. It is held in good locations and is provided with good technical equipment, as well as offering concise course documentation, knowledgeable speakers and expertise from the endoscope manufacturers.

Although we have 52 years of endoscopy experience between us, on reflection we nevertheless came away from this day with improved knowledge and skills. The course has a high standard and is a valuable method of learning. We enjoyed meeting all the delegates and we would like to thank the organizers for inviting us to take part. Further information about TECNA is available at: www.tecnainfo.com

Jadranka Brijak and Jayne Tillett, ESGENA Board members



TECNA Hands-on Workshop Area

TECNA ABSTRACT @ THE 15TH ESGENA

Therapeutic endoscopy training for endoscopy nurse assistants. A prospective survey from the UK.

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Introduction: There are currently no mandatory formalised training courses for endoscopy nurse assistants despite the longstanding recognized need for such courses (1). The recent UK comparative audit of upper gastrointestinal bleeding emphasized the need for the appropriate skill mix for emergency therapeutic endoscopy (2). In addition, the high therapeutic burden associated with the introduction of bowel cancer screening has increased the need for highly skilled nurses.

Aims & Methods: Prospective survey of endoscopy nurse assistants who attended 7 TECNA courses between 2007-2011. Pre and post course questionnaires were provided to 420 endoscopy nurse assistants who attended the TECNA course.

Results:

- 301/420 (71%) delegates completed the questionnaires.
- Median endoscopic experience was 3 years (range 0 to 35 years).
- 166/ 301 (55%) had previously attended some form of endoscopy training.
- 204/301(68%) were funded by their own institution to attend the TECNA course
- After the course, 70% considered their therapeutic knowledge to have improved/some improvement.
- 69% of the delegates felt that their practical skills had been improved by the course.
- Confidence in assisting the endoscopist with therapeutic procedures increased in 65 % of attendees after the course.
- 93% (280/301) of the attendees agreed that all endoscopy nurse assistants should undergo a mandatory training course within the first year of their post on joining an endoscopy unit.

Conclusion: Just under half (45%) of the endoscopy nursing staff attending had **no formal training** in endoscopy procedures, despite a median time working in an endoscopy unit of 3 years. The TECNA training course **improved their confidence, therapeutic endoscopy knowledge and ability**. Formal training for all endoscopy nurse assistants in therapeutic skills is desirable and ideally should be undertaken within the first year of joining an endoscopy unit. Funding of such courses remains the major barrier to wider uptake of such courses. Central funding for such courses should be considered. Further surveys on long term outcomes should be considered in future surveys to assess the impact of such training courses.

References: 1.Provision of gastrointestinal endoscopy and related services for a district general hospital. Working Party of the Clinical Services Committee of the British Society of Gastroenterology. Gut 1991. 32(1): 95-105

2. UK Comparative Audit of Upper Gastrointestinal Bleeding and the use of blood. British Society of Gastroenterology (www.bsg.org.uk)

TECNA Website: www.tecnainfo.com

For course info email tecna.info@btinternet.com

The screenshot shows the homepage of the TECNA website. At the top, the TECNA logo is displayed in a blue box, followed by the text "Therapeutic Endoscopy Course For Endoscopy Nurse Assistants & Nurse Consultants". Below this is a navigation menu with links for Home, Course Description, Course Program, Course Venues/dates, Course Accreditation, Administrative Arrangements, Publications, Application Form, Sponsors, and Contact Us. A large banner image shows a group of healthcare professionals in a clinical setting. Below the banner is the title "The Therapeutic Endoscopy Course For Endoscopy Nurse Assistants & Nurse Consultants". The main content area is divided into several sections: "TECNA PHOTO GALLERY" with a photo of a group of people and a link to view the gallery; "WELCOME TO TECNA" with a welcome message and contact information for course organizers; "TECNA VIDEO" with a video player showing "In Development"; "Publications" with a link to the TECNA course manual; "COURSE DESCRIPTION" with a photo of a classroom and a link to read more; "COURSE ACCREDITATION" with logos for the Royal College of Nursing (RCN), University of the West of England, and University of Cumbria, each with a link to read more; and "CONTACT DETAILS" with contact information for Barbara Bennett, TECNA COURSE Co-ordinator, including address, email, and fax number. At the bottom, there is a section for "FOR ADVERTS CONTACT" with the email tecna.course@btinternet.com. The footer contains the date "10/23/2011", a copyright notice "copyright ©TECNA 2010", and a small navigation menu.

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