Clinical Study of Benign Breast Diseases Based on Aberrations in Normal Development and Involution Classification and Development

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ABSTRACT

BACKGROUND
Benign breast diseases are common disorders, with up to 30% of women suffering from benign breast diseases requiring treatment at point of time in their lives.¹ The concept of ANDI (Aberrations of Normal Development and Involution) is recommended as a framework for understanding majority of benign conditions. Breast complaints are one of the most common reasons for surgical consultation. The majority, ultimately prove to have a benign origin.² Breast lesions may present with a variety of symptoms often confusing clinical evaluation, leading to error in treatment of essentially benign conditions. We wanted to assess the role of ANDI classification in the management of benign breast diseases. We also wanted to categorise benign breast diseases with reference to ANDI classification and assess the role of ANDI classification as a tool to select the mode of benign breast diseases.

METHODS
After Institutional Ethics Committee approval, a prospective study was done among 100 female patients who presented with complaints of benign breast diseases under ANDI classification. The study was conducted in Sri Venkateswara Ramnarain Ruia Government General Hospital, Tirupati, from November 2017 to October 2018. All female patients who attained menarche presenting with complaints of benign breast conditions under ANDI classification attending OPD/admitted as inpatients in the Department of General Surgery were included in the study. Patients with carcinoma breast, breast abscess and those who are not willing to give consent were excluded. Total number of benign breast diseases studied was 100.

RESULTS
The most common benign breast disorder is fibroadenoma, accounting for about 60 cases (60%), followed by cyclical mastalgia with nodularity which accounts for 30 (30%) cases, incapacitating mastalgia accounting for 5 cases (5%), duct ectasia for 3 (3%) and giant fibroadenoma for 2 cases (2%).

CONCLUSIONS
The most common presentation is lump in the breast, followed by pain in the breast. Majority of the benign breast diseases occur in younger age group followed by middle age group. Fibroadenoma and mastalgia were the most common disorders. Fibroadenoma usually presents as discrete lump in the breast but multiple lumps in one breast and lumps in both the breasts are also noticed. Benign breast diseases most commonly affect upper and outer quadrant of the breast. Fine Needle Aspiration Cytology and Ultrasonogram nearly confirmed all the cases. Surgery proved to be the best way to manage the cases of fibroadenoma and simple excision was the better procedure.

KEY WORDS
FNAC, Benign Breast Disease, Histopathology, Microdochectomy

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Mammary glands or breasts are a distinguishing feature of mammals. From puberty to death the breast is subjected to constant physical and physiological changes that relate to menses, pregnancy, gestation, lactation and menopause under the control of numerous hormones. Benign breast diseases are common disorder, upto 30% of women will suffer from benign breast diseases requiring treatment at sometimes in their lives. Growing public awareness have increased referrals to hospital clinics for breast symptoms and currently malignant to benign ratio of 1:10 are being seen in breast clinic (Barclay et al 1991). The term benign breast disease is a heterogeneous condition which ranges from inflammatory condition to benign neoplastic conditions. The concept of ANDI (Aberrations of Normal Development and Involution) as described by Prof. Hughes is recommended as a framework for understanding majority of benign conditions. Breast complaints are one of the most common reasons for surgical consultation. The majority ultimately prove to have a benign origin. Breast lesions may present with a variety of symptoms often confusing clinical evaluation leading to error in treatment of essentially benign conditions. This clinical-pathological study of benign breast diseases which include 100 cases, where all possible attempts to study the various aspects of the diseases and its management have been made, excluding inflammatory breast diseases and carcinoma of breast. We wanted to assess the role of ANDI Classification in the management of benign breast diseases. We also wanted to categorise benign breast diseases with reference to ANDI classification and assess the role of ANDI classification as a tool to select the mode of benign breast diseases.

The Concept of ANDI

The nomenclature of benign breast diseases is very confusing. This is because over the last century a variety of clinicians and pathologists has chosen to describe a mixture of physiological changes and diseases process according to variety of clinical, pathological and etiological terminology. To sort out this confusion, and new system has been developed and described by the “Cardiff breast clinic” i.e., A comprehensive classification which puts all the processes of physiological changes, growth, development and involution into a single frame work called ANDI (Aberrations of Normal development and Involution). Apart from congenital anomalies and inflammatory conditions. The benign breast diseases consist of benign breast tumours such as fibroadenoma, fibrocystic change, sclerosing lesions, and papillary lesions. Epithelial proliferative disease and rarely miscellaneous section. Epithelial hyperplasias and papillomas are regarded as more complex conditions, which may have an association with cyclical and involutional changes.

Clinical Features of Benign Breast Disease

Benign Breast disease generally presents as the lump, breast pain, nipple discharge and breast enlargement.

Lump- This is most common presenting complaint. Two main conditions responsible for discrete lump in breast are fibroadenoma in young women and cyst in peri or post-menopausal women, other causes of lump are phyllodes tumour, galactocele, fat necrosis, chronic abscess and skin and vascular lesions elsewhere in the body. In fibrocystic disease, there may be past history of similar complaint. In some cases, because these changes are prone for recurrence. Galactocele generally associated with recent or past history of lactation. In fat necrosis history of trauma is not always evident, sometimes it may be unrecognized. On palpation fibroadenoma appreciated as discrete lump with firm consistency and they move freely with in the breast tissue (Breast mouse). Cystic diseases are not always cystic in consistency because of their tense nature. Cysts are also mobile but not to the extent of fibroadenoma. The striking feature of phyllodes tumour is its large size with stretched shiny overlying skin. Skin may be warm with prominent subcutaneous veins and some time with ulcerations due to pressure necrosis. Galactocele presents as lump in the central or peri areolar region with cystic consistency. Other skin and vascular lesions have presentation elsewhere in the skin.

The striking

| Early Reproductive years (15-25 years) | Normal | Disorder | Disease |
|---------------------------------------|--------|---------|--------|
| Lobular development                   | Fibroadenoma | Giant fibroadenoma |
| Nipple inversion                      | Nipple evison | Subareolar abscess |
| Late reproductive years (26-35 years) | Cyclical changes of menstruation | Cyclical mastalgia | Incapacitating mastalgia |
| Involution (36-55 years)              | Lobular involution | Macrocyts |
| Duct involution                       | Duct ectasia | Periductal mastitis |
| Epithelial turn over                  | Epithelial hyperplasia | Epithelial hyperplasia with atyopia |

Table 1. Aberrations in Normal Development and Involution (ANDI)
have pain that arises not from the breast but from surrounding musculoskeletal structures.30

Investigations

1. Non-Interventional:
   I. Mammography.
   II. Ultrasound.
   III. Doppler flow study.31

2. Interventional
   I. FNAC.
   II. Core needle biopsy/ Excisional biopsy.
   III. Surgical biopsy.
   IV. VAB (Vacuum assisted biopsy).
   V. Ductography.
   VI. Image guided needle biopsy.

In any patient who present with a breast lump or other symptoms the diagnosis should be made by combination of clinical assessment, radiological imaging and tissue sample taken for either cytological or histopathological analysis called as "Triple Assessment".

Mammography- The most commonly used breast imaging procedure is Mammography, defined as an X-ray examination of breast.32 The two major types of mammography are screening mammography and Diagnostic mammography. Screening mammography is used to detect unsuspected breast cancer in asymptomatic women32. Diagnostic mammography is used to evaluate breasts of patients with symptoms, such as a lump or nipple discharge. Mammography is also used to guide interventional procedures including pre biopsy needle localization, needle aspiration, core needle biopsy and ductography31. The screening mammography consists of two views- mediolateral oblique view is most effective single view because it includes greatest amount of breast tissue, all upper quadrant and axillary tail whereas craniocaudal view gives information about medial quadrants and better view because of possibility of greater compression34. Mammography can give its feature as masses and calcifications and also gives features which are important clues to their aetiology. A mass is defined as space occupying lesion that is seen on at least two Mammographic projections. Calcification is the deposition of calcium salts in tissues. Fibroadenoma Appears as round, oval, or lobulated mass with a circumscribed margin. They may be solitary or multiple. In older women, they tend to develop characteristic coarse calcifications. Mammographic features alone cannot distinguish between cystosarcoma phylloides tumour and fibroadenoma. Features suspicious of carcinoma with in fibroadenoma are a large mass, indistinct margin and clustered calcifications. Intraductal Papilloma is difficult to identify unless a tiny rosette of calcification with a barely perceptible rim of soft tissue can be seen. A bulge in visible duct may suggest diagnosis. Lipoma appears as radiolucent and surrounded by a viable, thin, fibrous capsule. In fatty females with fatty breast it is difficult to determine whether it is lipoma or normal fat. Because the risk of malignancy in breast masses in young is low and relatively different composition of the breast in adolescents as compared to adults, mammography is not recommended for routine screening or routine imaging of breast masses in adolescents.

Xeromammography- It is identical to mammography except that it is recorded on xerographic plates rather than conventional transparency. The image produced is positive rather than negative.

Magnification Mammography- This technique enhances the sharpness of detail and increases diagnostic accuracy for breast cancer. The optimal magnification is 1.5 times life size. Margins of breast masses and the degree and specificity of micro calcifications are clearly defined.

Digital Mammography- This records the image electronically as a digitally format rather than directly on film. The image is kept in a computer and can be either displaced on a fluorescent monitor or transferred to hard copy. It has the advantage of image magnification on the display monitor to use computer aided diagnosis and teleradiography.

Ultrasonography- Ultrasound is particularly helpful in young women with dense breast in whom mammography is difficult to interpret and is differentiating cystic and solid masses. Masses that are smaller than 0.5-1 cm may not be visualized and masses in a fatty breast that is also difficult to visualize35. The importance of ultrasound lies in the resolution of equivocal mammography. Ultrasound is an excellent method of guiding some interventional procedures. Ultrasonography features suggesting benign features include absence of malignant findings: ellipsoid shape, echogenic pseudo-capsule (Circumscribed Margins) hyper-echogenicity; homogenous interval echoes and enhanced echoes digital to the masses. Malignant lesions have an irregular shape, indistinct margin, speculations, micro calcifications, height greater than width, hypo-echogenicity and shadowing.

Doppler Studies- This technique is too time consuming to be practical for routine use with duplex scanners, the lesion and surrounding tissues can be examined. Information about vascular anatomy is obtained, including the number of vessels and their arrangement and configuration as well as the anatomical relationships between vessels and the lesions. Blood flow in malignant lesions is enhanced36. The signals can be used to detect increased flow and may further distinguish benign from malignant lesions. Thermography and Transillumination, are not effective and no longer in use.

Nipple Discharge Examination- If there is nipple discharge, colour of discharge to be noted. In general, if the discharge appears clear or milky, yellow or green, cancer is unlikely.

FNAC- It’s an outpatient procedure. It involves the use of fine needle (22 or 23 gauge) with a syringe to aspirate cells from a suspicious area, smearing them on a glass slide, fix and stain for cytological examination.10 However, specific histological diagnosis may be impossible because of the inability to maintain architectural patterns with aspirations37. Even if adequate specimen is obtained, a definitive diagnosis is not always possible, and it cannot differentiate in situ carcinoma from invasive breast carcinoma.38
Core-Needle Biopsy- The core needle biopsy is similar to FNAC but, the caliber of the needle used is bigger, it removes a small cylinder of tissue.39 There are two special devices used for taking core biopsy, they are Mammatome and advanced breast biopsy instrument (ABBI).

Surgical Biopsy and Excisional Biopsy- In few cases, when FNAC or core needle biopsy is inconclusive, surgical biopsy may be needed to remove a bit of tissue or whole tissue for examination under microscope.3 When lump is < 1 cm, excision biopsy is attempted because it serves as a therapeutic as well as diagnostic procedure. Sometimes surgeon may use a procedure called wire localization during an excision of small lump that is difficult to locate by touch.

VAB- VAB means vacuum assisted biopsy, it is a recent diagnostic and therapeutic procedure. After injecting local anaesthesia on the skin and subcutaneous tissue, a 0.5 cm incision is made over skin, Mammatome is held firmly on the lump and Mammatome is connected to vacuum pump it will remove tissue by pieces thus it can serve as diagnostic and therapeutic if the lump is small.

Image-Guided Needle Biopsy- This acts as an alternative to surgical biopsy for mammographically detected abnormalities. Needle biopsy of occult lesions can be guided by stereotactic mammography or ultrasonography.

Ductography (Galactography)- Ductography is the injection of contrast medium into the lactiferous ducts in an attempt to pre-operatively determine the nature, location and extent of lesions causing serous or bloody discharge.40

Procedure- The duct is gently dilated with a dilator. A small blunt canula is inserted under sterile conditions into nipple ampulla and with the patient in supine position 0.1-0.2 ml of dilute contrast agent is injected until patient experiences fullness, crano caudal and medio-lateral Mammographic views are obtained without compression.41

- Intraductal Papillomas- Small filling defects surrounded by contrast agent.
- Cysts- May opacify when they communicate with ducts.
- Carcinomas- Irregular masses.
- Invasive Tumour- Multiple intraluminal filling defects.

Treatment of Benign Breast Disease
Management of Lump: In case of vague lump after examination of symmetrical are in the opposite breast, if that area also has lump simple reassurance and follow up is enough.42 If there is no lumpiness in the opposite breast investigations like mammography, USG and FNAC are necessary for confirmation of diagnosis and then management depends upon the condition.5 If there is a dominant palpable mass, management depends upon the age of the patient. In the case where there is least suspicion of malignant, menstrual cycle is mandatory. If it resolves, clinical follow up for 3 months is enough.31 If the lump persists; investigations like USG, FNAC are necessary. Patient management depends upon the diagnosis arrived at by the above investigations. If the diagnosis is still inconclusive with the above investigations, surgical biopsy is necessary. In case of fibroadenoma excision is the standard treatment. Now a days due to better understanding of the natural history of fibroadenoma, many studies recommend the conservative management especially in young patients under 25 years, provided the cytological examination confirms the diagnosis, treatment for giant fibroadenoma and juvenile fibroadenoma is enucleation.

METHODS

The present study is a prospective study done on 100 female patients who presented with complaints of benign breast diseases under ANDI classification attended in Sri Venkateswara Ramnarain Ruia Government General Hospital, Tirupati after Institutional Ethics Committee approval from November 2017 to October 2018. The patients were required to give written informed consent prior to enrolment in the study and clearance was taken as per institute’s ethical committee guidelines.

Inclusion Criteria
All female patients who attained menarche presenting with complaints of benign breast conditions under ANDI classification attending Outpatient and Inpatient in the Department of General Surgery.

Exclusion Criteria
Patients with Carcinoma breast, breast abscess and those who are not willing to give consent.

Methodology
The study compromises 100 cases of benign breast diseases which includes 60 cases of Fibroadenoma, 30 Cyclical mastalgia with nodularity, 5 cases of Incapacitating Mastalgia, 3 cases of Duct ectasia and 2 cases of Giant Fibroadenoma from Outpatient and In-patient wards in the department of General surgery, Sri Venkateswara Ramnarain Ruia Government General Hospital, (SVRRGGH) Tirupathi. A detailed history is taken regarding lump, pain, nipple discharge, menstrual history, obstetric history, family history, previous surgery if the patients have undergone, history of oral contraceptive pills. General physical examination is done. A detailed local and systemic examination is carried out and clinical diagnosis is made. Patients are subjected to routine blood examination and specific investigations like FNAC, Ultrasonography of the breasts, Mammography. The excised specimens were sent for histopathological examination for confirmation of clinical diagnosis. After studying in detail about 100 cases, with regards to the age of the patient, presenting complaints, diagnostic investigations and treatment received, the most common and rare benign breast diseases are represented in the form of tables, graphs and charts to detect them early based on symptoms and to arrive at correct diagnosis without a delay on unnecessary investigations. Total number of benign breast diseases studied - 100 who attended outpatient during the study period. Sample size determination is based on confidence intervals. Statistical analysis was done by Statistical Proportion tests.
The most common benign breast disorder is Fibroadenoma, accounting for about 60 cases (60%), followed by cyclical mastalgia with nodularity which accounts for 30 (30%) cases, incapacitating mastalgia accounting for 5 cases (5%), duct ectasia for 3 (3%) and giant fibroadenoma for 2 cases (2%). The most common condition is Fibroadenoma which is either painless or very rarely painful to present with. It is followed by mastalgia either cyclical with nodularity or severe and incapacitating variant. In my study, the most commonly affected age group of benign breast disease is 20 to 30 years, 56 cases (56%), followed by 31 to 40 years, 27 cases (27%).

But the majority of the breast diseases showed their expression in the age groups of 31 to 40 years. The peak incidence of Fibroadenoma is 21 to 30 years age group with 42 cases (42%) followed by 11 to 20 years with 15 cases (15%).

Cyclical mastalgia with nodularity is noted in its peak in 31 to 40 years of age group - 16 cases (16%) Incapacitating mastalgia and Duct Ectasia are also noted in its peak in 31 to 40 years of age group - 5 cases (5%) and 2 cases (2%) respectively. Giant Fibroadenoma are predominantly found among age groups of 21 to 40 years. In the study out of 60 cases of fibroadenoma, 32 cases presented with a history of 1 to 3 months, 26 cases presented with a history of 4 to 6 months and 2 cases with 7 to 9 months history. Out of 30 cases of Cyclical mastalgia with nodularity, 6 cases presented in 1 to 3 months, 16 cases in 4 to 6 months, and 8 cases in 7 to 9 months. Out of 5 cases of Incapacitating mastalgia 3 cases presented in 1 to 3 months and 2 cases presented in 4 to 6 months. Two cases of Duct ectasia presented in 4 to 6 months and one case in 1 to 3 months history. Two cases of Giant Fibroadenoma presented with 7 to 9 months history. In the present study, Fibroadenoma presented as painless lump in majority of cases (50%), and as a painful lump in 10% of cases. Cyclical mastalgia with nodularity presented with pain in the breast with multiple nodules or lumps in the breast (30%) and the same is with Incapacitating mastalgia but the pain tends to be more severe. Duct ectasia presents with painful lump and with nipple discharge in most of the cases. Giant Fibroadenoma like fibroadenoma mainly presented as a painless lump. In the present study, the majority of the fibroadenoma cases presented in the right breast 34% followed by left breast 25% and in both the breasts in 1% of cases. The cases of Cyclical mastalgia with nodularity presented mainly in both the breasts (30%) as it is same with Incapacitating Mastalgia (5%).

Duct ectasia mainly presented in the right breast 2% followed by left breast 1% of cases. Giant fibroadenoma was seen in only left breast in the present study. In cases of Fibroadenoma and Giant Fibroadenoma, the investigations done are Ultrasoundogram and FNAC (Fine Needle Aspiration Cytology) and routine blood investigations they may need if surgery is planned. For Cyclical mastalgia with nodularity and Incapacitating mastalgia routinely Mammogram is done. For cases of Duct ectasia, Ultrasoundogram and Cytology of the nipple discharge is done.

Out of 100 cases, 60 patients needed surgery and 40 patients were given medical management. In the present study, 56 cases of Fibroadenoma underwent surgery and 5 cases are managed medically. All the cases of Duct ectasia and Giant fibroadenoma were managed with Microdochectomy. All cases of incapacitating mastalgia and Cyclical mastalgia with nodularity responded well with medical management. This clearly shows not all the benign breast conditions need surgery.

| Diseases                        | Total Number | Lump | Nipple Discharge |
|---------------------------------|--------------|------|-----------------|
|                                 | Painless No. | %    | Painful No.     | %          |
| Fibroadenoma                    | 60           | 50   | 10              |
| Cyclical mastalgia with nodularity | 30            | 10   | 20              |
| Incapacitating mastalgia        | 5            | 5    |                 |
| Duct ectasia                    | 3            | 3    | 3               |
| Giant fibroadenoma              | 2            | 2    | 2               |
| Total                           | 100          |      |                 |

| Diagnosis                        | Surgical | Conservative |
|----------------------------------|----------|--------------|
| Fibroadenoma                     | 55       | 5            |
| Cyclical mastalgia with nodularity | 30      |              |
| Incapacitating mastalgia         | 3        |              |
| Duct ectasia                     | 3        |              |
| Giant fibroadenoma               | 2        |              |

**DISCUSSION**

Benign breast disease is a common disease affecting the women from puberty to menopause. In the present study 100 women who presented with complaints of benign breast diseases in the Department of General surgery, were studied with clinical examination, radiological and pathological investigations.

**Sex Distribution**

In the present study 100 cases of benign breast diseases were studied in only female patients attending the Department of General surgery in SVRRGH, Tirupathi.
Age Distribution
In the present study of 100 cases, 15% of the cases were in the age group of 11 to 20 years. 56% of cases are in the age group of 21 to 30 years of age followed by 27% of cases in 31 to 40 years of age group. Only 2% of the cases are in 41 to 50 years of age group. The present study shows the most common age group is 21 to 30 years of age. It is similar to the study done by Sushila Khanna etal in which 40.06% of cases were in the age group of 21 to 30 years. The maximum number of cases belonged to the age groups of 21 to 40 years of age (83%). In the present study around 57% of the patients with Fibroadenoma were observed in 11 to 30 years of age group. In the present study, Cyclical Mastalgia with nodularity mainly presented in 21 to 40 years of age group. Incapacitating mastalgia mainly presented in 31 to 40 years of age group. The main age group of presentation of Duct ectasia is 31 to 40 years. Giant fibroadenoma presented between 21 to 40 years of age group. Majority of cases were in reproductive age group with other complaints such as irregular menses, significant family history and significant increase in pain and size of the swelling in relation to the menstrual cycle. In my present study, majority of the study population presented with Fibroadenoma (60%), followed by Cyclical mastalgia with nodularity (30%), Incapacitating mastalgia (5%), Duct ectasia (3%) and Giant Fibroadenoma (2%) in rest of the cases. The main age group of presentation is 21 to 40 years of age group.

Clinical Presentation
In the present study, the most common symptom is painless lump which constitutes about 50% of cases. Around 40% of cases presented with painful lumps and lumpiness (if no distinct lumps are not made out). The pain is predominately dull aching, pricking either with in the lump or all over the breast. In total 60 cases of Fibroadenoma, 50 cases presented with painless lump and 10 cases presented with painful lumps. In total 30 cases of cyclical mastalgia with nodularity, almost all the cases presented with painful lumps or indistinct nodularity. The cases of Duct ectasia with nodularity presented as nipple discharge with painful lumps (3%) and Giant Fibroadenoma presented with painless lumps (2%).

Site of Lesion
In the present study, out of 100 cases, 36% of cases had the disease manifested in right breast and 29% of cases in left breast and 35% of cases in both the breasts. It showed that majority of the breast conditions are seen in right breast followed by left breast. Majority of the cases of fibroadenoma presented in right breast (34%) and followed by left breast (25%) and in both the breasts (1%) in rest of the cases. Nearly most of the cases of cyclical mastalgia with nodularity presented in both the breasts and only one case among the rest presented in the left breast. All the cases of incapacitating mastalgia presented in both the breasts. Two cases of Duct ectasia presented in right breast and one case in left breast. All the cases of Giant fibroadenoma are presented in the left breast. Majority of the cases had lesion in the Upper and outer quadrant of the breast. In the cases of Fibroadenoma, out of 60 cases 36 cases are present in upper and outer quadrant of the breast followed by 26 cases in upper inner and 15 cases in lower quadrants of the breast. 38 cases occupied more than two quadrants. Out of 30 cases of Cyclical Mastalgia with nodularity 19 cases presented in upper and outer quadrant of breast, 13 cases in lower and inner quadrant and 9 cases in upper and inner quadrant. 28 cases showed distribution in more than two quadrants. Giant fibroadenoma occupied more than two quadrants i.e; upper outer and inner and upper inner quadrants. Incapacitating mastalgia and Duct ectasia presented with diffuse pain all over the breast and was never localised to a quadrant.

Investigations
Fine Needle Aspiration Cytology (FNAC) was done for 62 cases in the present study and it was conclusive in all the cases (100%). FNAC is advised only in clinically diagnosed cases of Fibroadenoma, and it was confirmed in histopathology of the excised specimen.

Management
Patients were managed either surgically or medically depending on the condition. Out of 100 cases 60 patients needed surgery and majority of the cases were under the disease – Fibroadenoma. Out of 60 cases of Fibroadenoma 55 cases underwent surgery and 5 cases were managed conservatively. The most commonly done surgery was excision of the lump. The incisions are given in radial and circum-areolar manner depending on the location of the lump. The excised samples are sent for histopathological examination. Medical management included analgesics and centchroman capsules and flax seeds. All the cases of Duct ectasia underwent microdochectomy and Giant fibroadenoma underwent excision. Suction drain was placed whenever necessary and was removed after 48 hours. Post-operative antibiotics and analgesics were given and sutures were removed on seventh post-operative day.

CONCLUSIONS
The most common presentation is lump in the breast, followed by pain in the breast. Majority of the benign breast diseases occur in young age group followed by middle age group. Fibroadenoma and mastalgia present as the most common disorders. Fibroadenoma usually presents as discrete lump in the breast but multiple lumps in one breast and lumps in both the breasts are also seen. Benign breast diseases most commonly affect upper and outer quadrant of the breast. Fine Needle Aspiration Cytology and Ultrasongram nearly confirmed all the cases. Surgery proved to be the best way to manage the cases of fibroadenoma and simple excision was the better procedure.

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