



Saale Apotheke

...weil Beratung heilen hilft!

Adenocarcinoma Of Sigma

© Dr. Janett Wennek-Klose

Saale Apotheke Jena

Janett.Wennek-Klose@medipolis.de

your referent



distribution

departments of
oncology, haematology, gynaecology,
urology and
internal specialists

activities:

zytotoxic preparations

preparations against pain (pumps)

parenteral nutrition

bio-impedance analytic (realization and evaluation)

care for oncologic patients



patient / diagnoses



Saale Apotheke

...weil Beratung heilen hilft!

male patient

born in 1960

height: 184cm / weight: 98kg

Adenocarcinoma of sigma pT3pN1MoG2 (7/99)

metastases of lung

metastases of liver

metastases of lymph nodes

Thema

PDOP 16.05./17.05. - Case Report Adenokarcinoma of Sigma

Seite

3

Referent(in)

Frau Dr. Janett Wennek-Klose



- 07/99** **diagnosis after operation (sigmaresektion)**
- 08/99 – 02/00** **adjuvante chemotherapy (18 series)**
500mg/m² LV + 2500mg/m² 5-FU (24h)
weekly 6x, repetition week 8
- 11/04** **pulmonale filialae with resektion of part of lung**
↳ **diagnosis: EGF-receptor positiv**
- 01/05 – 07/05** **palliative chemotherapy**
AIO + Irinotecan + Bevacizumab
5mg/kg Bevacizumab d1, 15 + 80mg/m² Irinotecan +
500mg/m² LV + 2000mg/m² 5-FU (24h)
↳ **complete remission**



- 12/05** progress of metastases of lung and new metastases of liver
- 01/06 – 03/06** palliative immuno-chemotherapy
AIO + Oxaliplatin + Cetuximab
↪ partially remission
- 04/06** allergic reaction to Oxaliplatin (10. series)
↪ Oxaliplatin swap for Irinotecan
- 12/06** break of therapy (26 series chemotherapy)
↪ complete regression of pulmonal metastases and
downward tendency of hepatic metastases
- 01/07** additional metastases of lymph nodes and general progress



02/07 once again immuno-chemotherapy

AIO + Cetuximab + Irinotecan

07/07 progress of cancer during therapy

09/07 pneumonia

cough up one lungmetastase (3,0 x 1,0 x 1,0cm)

350g Fluorouracil 84g LV

13g Irinotecan 36g Cetuximab

4,6g Bevacizumab 1,8g Oxaliplatin

1. Mitomycin + Capecitabine (third line therapie)



Saale Apotheke

...weil Beratung heilen hilft!

Mitomycin 15mg/m² ; repetition 4th week (or 6th week)

Capecitabine 2x2500mg/d p.o. d1-14 ; repetiton 3th week

- problems:**
- **Mitomycin maximum: 100mg = 3 series**
 - **vit.B6 makes Mitomycin inactive**
 - **vit.B6 prevent hand-foot-syndrome**

- adverse reactions:**
- **thrombocytopenie, depression of marrow**
 - **hand-foot-syndrome**

advantage: „orthodox medical treatment“

2. FOLFOX



Saale Apotheke

...weil Beratung heilen hilft!

options to apply Oxaliplatin to patients after allergic reaction:

(Onkologische Pharmazie Nr.3 / 2007)

1. longer time for infusion
2. give highest doses of corticoides and antihistaminic drugs
3. to make desensibilisation (only isolated cases)

problem: ➤ allergic reaction, anaphylactic reaction

adverse reactions: ➤ dysaesthesia, paraesthesia

advantage: therapy with the most benefit for this patient

3. Vectibix® (INN: Panitumumab)



Saale Apotheke

...weil Beratung heilen hilft!

- whole human monoclonal antibody
- treatment of patients with EGFR-expressing tumours with non-mutated (wild-type) *K-ras* genes
- approved in USA since September 2006
monotherapy for treatment of metastatic colorectal carcinoma after failure of standard chemotherapy regimes
- EMEA: negative assesment in July 2007
- admission in Europe: 03.12.2007
- only facts from controlled, open-label, randomized phase II and III studies

3. Vectibix® (INN: Panitumumab)



Saale Apotheke

...weil Beratung heilen hilft!

dosage: 6mg/kg, repetition d14 over 1h i.v. or
2,5mg/kg weekly or 9mg/kg 3 weekly
application over filter (0,22µm)

products: 100mg (5ml), 200mg (10ml), 400mg (20ml)
colorless liquids

adverse reactions: skin reactions/changes 90% (16% grade 3-4)
abdominal pain 25% (7%)
fatigue 26% (4%)

3. Vectibix® (INN: Panitumumab)



Saale Apotheke

...weil Beratung heilen hilft!

problems: no licence in Europe (at the moment of diagnosis)

Who meets the costs? Health insurance?

K-ras gen status is unknown

advantage: option of therapy after failure of standard

statutory health insurance of patient means:

„...anhand der eingeholten sozialmedizinischen Stellungnahme nicht möglich, uns an den Aufwendungen dieser Behandlungsmethode zu beteiligen. ...Leistungsangebot Grenzen gesetzt, die wir auch bei einer kulanten Beurteilung nicht überschreiten können. ...“



therapy in combination of Mitomycin / Capecitabine

- ↳ need a concentrate of thrombocytes
- ↳ Mucositis (own mixture: Maaloxan[®]-Liquid for the mouth)

last Mitomycin therapy at the middle of November

patient in progress (6,0 x 7,0cm metastases of lung) 10/07

Radiation at University of Jena (percutane radatio, triggered by breath;
3x per week 5Gy; to 40Gy all together)

therapy of pain



- no new metastases
- only slight progredience of disease
- strong dyspnoea (no strengh)
- thrombosis and embolia of the lung
- hyperglykaemic situation (500mg/dl = 28mmol/l)
- insomnia
- anxiety and hope
- palliative care at the hospital of Bad Berka till the day of death



Saale Apotheke

...weil Beratung heilen hilft!

Thank you for attention!

Saale-Apotheke Jena

Inh.: Herr Dr. Christian Wegner

Spitzweidenweg25

07743 Jena

Tel.: 03641.442883

Fax: 03641.442886

saaleapo@medipolis.de